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Volume II- Appendices

Dambreak Study

Dambreak Analyses for Powerline, Vineyard, and Rittenhouse Flood Retarding Structures (FCD 88-37)

October 1989

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VOLUME II

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REFERENCES

Fread, D.L., "BREACH: An Erosion Model for Earthen Dam Failures," National Weather Service, July 1988.

Fread, D.L., "DAMBRK '88," National Weather Service, June 1988.

Fread, D.L., personal communication, September 27, 1989.

J.M. Montgomery, Cons. Engrs., Inc., "Hydrology Study, Dambreak Analyses for Powerline, Vineyard, and Rittenhouse Flood Retarding Structures," Flood Control District of Maricopa County, FCD 88-37, August 1989.

U.S. Geological Survey, "Determination of Roughness Coefficients for Streams in Colorado," Robert O. Jarrett, Draft Report, July 1984.

APPENDIX B

BREACH Files

APPENDIX B

This appendix contains printouts for the following BREACH model runs:

Structure	Failure Mode	File Name
Powerline	Overtopping	BRPOD.OR1
Powerline	Piping	BRPPD.OR2
Rittenhouse	Overtopping	BRROD.OR1
Rittenhouse	Piping	BRRPD.OR1

Preceding the printouts is a copy of the input data and output parameter description from the BREACH manual.

Card No.	Data Description and Input Form

(6) HSA(I) - 8F10.2

HSA(I)	Elevation (ft) associated with RSA(I) surface area.

(7) HSTW(I) - 8F10.2

HSTW(I)	Elevation associated with top widths of tailwater cross-section. Elevations start at invert. I goes from 1 to maximum of 8.

(8) BSTW(I) - 8F10.2

BSTW(I)	Top widths of tailwater cross-section.

(9) CMTW(I) - 8F10.3

CMTW(I)	Manning's n associated with each top width of the tailwater cross-section.

(10) ZU, ZD, ZC, GL, GS, VMP - 7F10.2

ZU	Slope of upstream face of dam [1 (vertical) : ZU (horizontal)]
ZD	Slope of downstream face of dam (1 (vertical) : ZD (horizontal)]
ZC	Average slope of upstream and downstream faces of inner core of dam [1 (vertical) : ZC (horiz.)]. If no inner core, leave blank.
GL	Average length of grass (inches). If no grass, leave blank.
GS	Condition of stand of grass. If good, GS = 1.0; if poor stand or no grass exists, GS = 0.0.
VMP	Maximum permissible velocity (ft/sec) for grass-lined channel before grass cover is eroded away. Can vary from 3 to 6 ft/sec. If no grass, leave blank.

(11) D50C, PORC, UWC, CNC, AFRC, COHC, UNFCC - 3F10.2, F10.4, 3F10.2

D50C	D50 (mm) grain size of inner core material (50 percent finer). If no core, leave blank.
PORC	Porosity ratio of inner core material. If no core, leave blank.
UWC	Unit weight (lb/ft^3) of inner core material. If no core, leave blank.

Card No.	Data Description and Input Form	
	UNFCDF	Ratio of D90 to D30 grain size of material of downstream face. If left blank, UNFCDF = 3.0 when D50DF > 0.0, or UNFCDF = UNFCS when D50DF = 0.0.
	BMX	Maximum allowable width (ft) of breach bottom as restrained by valley cross-section.

(14) DTH, DBG, H, TEH, ERR, FPT, TPR - 2F10.3, 5F10.2

DTH	Basic time step size (hr). $0.001 \leq DTH \leq 0.20$, lower values for man-made dams, larger values for large landslide dams. If left blank, DTH = 0.005.
DBG	Output control parameter. DBG = 0.0, minimal output of discharge hydrograph only. DBG = 0.001, output at each time step + hydrograph. DBG = 0.002, output at each iteration of each time step + hydrograph.
H	Initial depth (ft) of breach along the downstream face of dam for overtopping failure. Initial width of piping breach. Usually, $0.1 \leq H \leq 1.0$. If left blank, H = 0.10. Must be sufficiently large to cause some degree of initial breach enlargement.
TEH	Duration (hrs) of simulation.
ERR	Error tolerance in iterative solution, expressed as a percentage ratio ($0.1 \leq FPT \leq 1.0$). If left blank, ERR = 0.01.
FPT	Interval of time steps at which computed discharges are plotted. ($1. \leq FPT \leq 10.$) If left blank, FPT = 10.0.
TPR	Output for DBG $\geq$ 0.0001 at time step is supressed until time = TPR. if left blank, output is printed for all time steps.

Note: Omit cards no. (15) and (16) if spillway crest elev., HSP, (card no. 2) is blank or zero.

(15) SPQ(I) - 8F10.2

SPQ(I)	Spillway flow (cfs). I subscript goes from 1 to 8. Spillway flow is defined for from 2 to 8 heads starting at the spillway crest elev. and proceeding upwards until maximum spillway discharge is specified.

(16) SPH(I) - 8F10.2

SPH(I)	Head (ft) associated with SPQ(I) spillway flow.

BRPOD.OR1 - Powerline
Overtopping Failure

OVERTOPPING FAILURE - POWERLINE FRS - JMM - 8/25/39 (BRPOD.OR1)

HI= 1583.30 HU= 1589.10 HL= 1565.10 HPI= .00 HSP= 1583.30 PI= .0 CA= .000 CB= .00

(QIN(I),I=1,8)
.00 10028.00 28166.00 59782.00 62044.00 58621.00 22173.00 .00

(TIN(I),I=1,8)
.00 3.20 3.70 4.80 5.10 5.50 7.10 12.40

(RSA(I),I=1,8)
700.00 635.00 600.00 450.00 315.00 .00 .00 .00

(HSA(I),I=1,8)
1594.00 1591.00 1589.10 1583.30 1578.00 1565.10 .00 .00

(HSTW(I),I=1,8)
1565.60 1566.60 1600.00 .00 .00 .00 .00 .00

(BSTW(I),I=1,8)
.00 1000.00 1000.00 .00 .00 .00 .00 .00

(CMTW(I),I=1,8)
.05 .05 .05 .00 .00 .00 .00 .00

ZU= 3.00 ZD= 2.00 ZC= .00 GL= .00 GS= .00 VMP= .00

D50C= .00 PORC= .00 UWC= .00 CNC= .0000 AFRC= .00 COHC= .0 UNFCC= .00

D50S= .16 PORS= .33 UWS=110.00 CNS= .0000 AFRS= 29.50 COHS= 100.0 UNFCS= 10.00

BR= 2.00 WC= 14.0 CRL=13358.0 SM= 35.20 D50DF= .00 UNFCDF= .00 BMX= 1000.

DTH= .005 DBG= .001 H= 1.0000 TEH= 12.4 ERR= .01 FPT= 10.0 TPR= 2.0

(SPQ(I),I=1,8)
.00 2000.00 5000.00 10000.00 15000.00 20000.00 25000.00 .00

(SPH(I),I=1,8)
.00 1.07 1.98 3.14 4.11 4.98 5.78 .00

1

AFR= .0 TH1= 59.75 H1= 6.24 TH2= 44.63 H2= 20.08 TH3= 37.06 H3= 64.18

1

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
401	2.005	.005	1	0	1700.	1700.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
402	2.010	.005	1	0	1707.	1707.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
403	2.015	.005	1	0	1715.	1715.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
404	2.020	.005	1	0	1722.	1722.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
405	2.025	.005	1	0	1730.	1730.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
406	2.030	.005	1	0	1738.	1738.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
407	2.035	.005	1	0	1745.	1745.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

408	2.040	.005	1	0	1753.	1753.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
409	2.045	.005	1	0	1760.	1760.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
410	2.050	.005	1	0	1768.	1768.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
411	2.055	.005	1	0	1775.	1775.	.00	1.000	.0	1584.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
412	2.060	.005	1	0	1783.	1783.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
413	2.065	.005	1	0	1790.	1790.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
414	2.070	.005	1	0	1798.	1798.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
415	2.075	.005	1	0	1806.	1806.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
416	2.080	.005	1	0	1813.	1813.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
417	2.085	.005	1	0	1821.	1821.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
418	2.090	.005	1	0	1829.	1829.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
419	2.095	.005	1	0	1836.	1836.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
420	2.100	.005	1	0	1844.	1844.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
421	2.105	.005	1	0	1852.	1852.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
422	2.110	.005	1	0	1859.	1859.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
423	2.115	.005	1	0	1867.	1867.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
424	2.120	.005	1	0	1875.	1875.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
425	2.125	.005	1	0	1883.	1883.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
426	2.130	.005	1	0	1890.	1890.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
427	2.135	.005	1	0	1898.	1898.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
428	2.140	.005	1	0	1906.	1906.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
429	2.145	.005	1	0	1914.	1914.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
430	2.150	.005	1	0	1921.	1921.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
431	2.155	.005	1	0	1929.	1929.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
432	2.160	.005	1	0	1937.	1937.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
433	2.165	.005	1	0	1945.	1945.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
434	2.170	.005	1	0	1953.	1953.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
435	2.175	.005	1	0	1961.	1961.	.00	1.000	.0	1584.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
436	2.180	.005	1	0	1968.	1968.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
437	2.185	.005	1	0	1976.	1976.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
438	2.190	.005	1	0	1984.	1984.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
439	2.195	.005	1	0	1992.	1992.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
440	2.200	.005	1	0	2000.	2000.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
441	2.205	.005	1	0	2014.	2014.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
442	2.210	.005	1	0	2028.	2028.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
443	2.215	.005	1	0	2042.	2042.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
444	2.220	.005	1	0	2056.	2056.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
445	2.225	.005	1	0	2070.	2070.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
446	2.230	.005	1	0	2084.	2084.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
447	2.235	.005	1	0	2098.	2098.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
448	2.240	.005	1	0	2112.	2112.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
449	2.245	.005	1	0	2125.	2125.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
450	2.250	.005	1	0	2139.	2139.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
451	2.255	.005	1	0	2154.	2154.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
452	2.260	.005	1	0	2168.	2168.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
453	2.265	.005	1	0	2181.	2181.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
454	2.270	.005	1	0	2195.	2195.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
455	2.275	.005	1	0	2209.	2209.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
456	2.280	.005	1	0	2224.	2224.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
457	2.285	.005	1	0	2237.	2237.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
458	2.290	.005	1	0	2251.	2251.	.00	1.000	.0	1584.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
459	2.295	.005	1	0	2265.	2265.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
460	2.300	.005	1	0	2280.	2280.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
461	2.305	.005	1	0	2293.	2293.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
462	2.310	.005	1	0	2307.	2307.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
463	2.315	.005	1	0	2321.	2321.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
464	2.320	.005	1	0	2335.	2335.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
465	2.325	.005	1	0	2349.	2349.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
466	2.330	.005	1	0	2363.	2363.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
467	2.335	.005	1	0	2377.	2377.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

468	2.340	.005	1	0	2391.	2391.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
469	2.345	.005	1	0	2405.	2405.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
470	2.350	.005	1	0	2419.	2419.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
471	2.355	.005	1	0	2433.	2433.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
472	2.360	.005	1	0	2447.	2447.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
473	2.365	.005	1	0	2461.	2461.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
474	2.370	.005	1	0	2475.	2475.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
475	2.375	.005	1	0	2489.	2489.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
476	2.380	.005	1	0	2503.	2503.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
477	2.385	.005	1	0	2517.	2517.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
478	2.390	.005	1	0	2531.	2531.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
479	2.395	.005	1	0	2546.	2546.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
480	2.400	.005	1	0	2560.	2560.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
481	2.405	.005	1	0	2573.	2573.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
482	2.410	.005	1	0	2587.	2587.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
483	2.415	.005	1	0	2601.	2601.	.00	1.000	.0	1584.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
484	2.420	.005	1	0	2616.	2616.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
485	2.425	.005	1	0	2630.	2630.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
486	2.430	.005	1	0	2644.	2644.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
487	2.435	.005	1	0	2658.	2658.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
488	2.440	.005	1	0	2671.	2671.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
489	2.445	.005	1	0	2685.	2685.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
490	2.450	.005	1	0	2700.	2700.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
491	2.455	.005	1	0	2714.	2714.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
492	2.460	.005	1	0	2728.	2728.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
493	2.465	.005	1	0	2742.	2742.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
494	2.470	.005	1	0	2756.	2756.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
495	2.475	.005	1	0	2770.	2770.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
496	2.480	.005	1	0	2784.	2784.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
497	2.485	.005	1	0	2798.	2798.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
498	2.490	.005	1	0	2812.	2812.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
499	2.495	.005	1	0	2826.	2826.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
500	2.500	.005	1	0	2840.	2840.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
501	2.505	.005	1	0	2854.	2854.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
502	2.510	.005	1	0	2868.	2868.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
503	2.515	.005	1	0	2882.	2882.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
504	2.520	.005	1	0	2896.	2896.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
505	2.525	.005	1	0	2911.	2911.	.00	1.000	.0	1584.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
506	2.530	.005	1	0	2924.	2924.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
507	2.535	.005	1	0	2938.	2938.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
508	2.540	.005	1	0	2952.	2952.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
509	2.545	.005	1	0	2966.	2966.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
510	2.550	.005	1	0	2981.	2981.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
511	2.555	.005	1	0	2995.	2995.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
512	2.560	.005	1	0	3009.	3009.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
513	2.565	.005	1	0	3023.	3023.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
514	2.570	.005	1	0	3037.	3037.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
515	2.575	.005	1	0	3051.	3051.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
516	2.580	.005	1	0	3065.	3065.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
517	2.585	.005	1	0	3079.	3079.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
518	2.590	.005	1	0	3093.	3093.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
519	2.595	.005	1	0	3107.	3107.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
520	2.600	.005	1	0	3121.	3121.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
521	2.605	.005	1	0	3135.	3135.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
522	2.610	.005	1	0	3150.	3150.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
523	2.615	.005	1	0	3164.	3164.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
524	2.620	.005	1	0	3178.	3178.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
525	2.625	.005	1	0	3192.	3192.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
526	2.630	.005	1	0	3206.	3206.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
527	2.635	.005	1	0	3220.	3220.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

528	2.640	.005	1	0	3234.	3234.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
529	2.645	.005	1	0	3248.	3248.	.00	1.000	.0	1584.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
530	2.650	.005	1	0	3262.	3262.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
531	2.655	.005	1	0	3276.	3276.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
532	2.660	.005	1	0	3290.	3290.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
533	2.665	.005	1	0	3304.	3304.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
534	2.670	.005	1	0	3319.	3319.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
535	2.675	.005	1	0	3333.	3333.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
536	2.680	.005	1	0	3347.	3347.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
537	2.685	.005	1	0	3361.	3361.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
538	2.690	.005	1	0	3375.	3375.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
539	2.695	.005	1	0	3389.	3389.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
540	2.700	.005	1	0	3403.	3403.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
541	2.705	.005	1	0	3417.	3417.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
542	2.710	.005	1	0	3431.	3431.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
543	2.715	.005	1	0	3445.	3445.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
544	2.720	.005	1	0	3459.	3459.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
545	2.725	.005	1	0	3474.	3474.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
546	2.730	.005	1	0	3488.	3488.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
547	2.735	.005	1	0	3502.	3502.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
548	2.740	.005	1	0	3516.	3516.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
549	2.745	.005	1	0	3530.	3530.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
550	2.750	.005	1	0	3544.	3544.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
551	2.755	.005	1	0	3558.	3558.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
552	2.760	.005	1	0	3572.	3572.	.00	1.000	.0	1584.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
553	2.765	.005	1	0	3586.	3586.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
554	2.770	.005	1	0	3601.	3601.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
555	2.775	.005	1	0	3615.	3615.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
556	2.780	.005	1	0	3629.	3629.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
557	2.785	.005	1	0	3643.	3643.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
558	2.790	.005	1	0	3657.	3657.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
559	2.795	.005	1	0	3671.	3671.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
560	2.800	.005	1	0	3685.	3685.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
561	2.805	.005	1	0	3699.	3699.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
562	2.810	.005	1	0	3713.	3713.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
563	2.815	.005	1	0	3727.	3727.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
564	2.820	.005	1	0	3742.	3742.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
565	2.825	.005	1	0	3756.	3756.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
566	2.830	.005	1	0	3770.	3770.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
567	2.835	.005	1	0	3784.	3784.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
568	2.840	.005	1	0	3798.	3798.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
569	2.845	.005	1	0	3812.	3812.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
570	2.850	.005	1	0	3826.	3826.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
571	2.855	.005	1	0	3841.	3841.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
572	2.860	.005	1	0	3855.	3855.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
573	2.865	.005	1	0	3869.	3869.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
574	2.870	.005	1	0	3883.	3883.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
575	2.875	.005	1	0	3897.	3897.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
576	2.880	.005	1	0	3911.	3911.	.00	1.000	.0	1584.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
577	2.885	.005	1	0	3925.	3925.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
578	2.890	.005	1	0	3940.	3940.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
579	2.895	.005	1	0	3954.	3954.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
580	2.900	.005	1	0	3968.	3968.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
581	2.905	.005	1	0	3982.	3982.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
582	2.910	.005	1	0	3996.	3996.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
583	2.915	.005	1	0	4010.	4010.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
584	2.920	.005	1	0	4024.	4024.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
585	2.925	.005	1	0	-4039.	4039.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
586	2.930	.005	1	0	4053.	4053.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
587	2.935	.005	1	0	4067.	4067.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

588	2.940	.005	1	0	4081.	4081.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
589	2.945	.005	1	0	4095.	4095.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
590	2.950	.005	1	0	4109.	4109.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
591	2.955	.005	1	0	4123.	4123.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
592	2.960	.005	1	0	4138.	4138.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
593	2.965	.005	1	0	4152.	4152.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
594	2.970	.005	1	0	4166.	4166.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
595	2.975	.005	1	0	4180.	4180.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
596	2.980	.005	1	0	4194.	4194.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
597	2.985	.005	1	0	4208.	4208.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
598	2.990	.005	1	0	4222.	4222.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
599	2.995	.005	1	0	4237.	4237.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
600	3.000	.005	1	0	4251.	4251.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
601	3.005	.005	1	0	4265.	4265.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
602	3.010	.005	1	0	4279.	4279.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
603	3.015	.005	1	0	4293.	4293.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
604	3.020	.005	1	0	4308.	4308.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
605	3.025	.005	1	0	4322.	4322.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
606	3.030	.005	1	0	4336.	4336.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
607	3.035	.005	1	0	4350.	4350.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
608	3.040	.005	1	0	4364.	4364.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
609	3.045	.005	1	0	4379.	4379.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
610	3.050	.005	1	0	4393.	4393.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
611	3.055	.005	1	0	4407.	4407.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
612	3.060	.005	1	0	4421.	4421.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
613	3.065	.005	1	0	4435.	4435.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
614	3.070	.005	1	0	4449.	4449.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
615	3.075	.005	1	0	4463.	4463.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
616	3.080	.005	1	0	4478.	4478.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
617	3.085	.005	1	0	4492.	4492.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
618	3.090	.005	1	0	4506.	4506.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
619	3.095	.005	1	0	4520.	4520.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
620	3.100	.005	1	0	4534.	4534.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
621	3.105	.005	1	0	4548.	4548.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
622	3.110	.005	1	0	4563.	4563.	.00	1.000	.0	1585.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
623	3.115	.005	1	0	4577.	4577.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
624	3.120	.005	1	0	4591.	4591.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
625	3.125	.005	1	0	4605.	4605.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
626	3.130	.005	1	0	4620.	4620.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
627	3.135	.005	1	0	4634.	4634.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
628	3.140	.005	1	0	4648.	4648.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
629	3.145	.005	1	0	4662.	4662.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
630	3.150	.005	1	0	4676.	4676.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
631	3.155	.005	1	0	4690.	4690.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
632	3.160	.005	1	0	4705.	4705.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
633	3.165	.005	1	0	4719.	4719.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
634	3.170	.005	1	0	4733.	4733.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
635	3.175	.005	1	0	4747.	4747.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
636	3.180	.005	1	0	4761.	4761.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
637	3.185	.005	1	0	4775.	4775.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
638	3.190	.005	1	0	4790.	4790.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
639	3.195	.005	1	0	4804.	4804.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
640	3.200	.005	1	0	4818.	4818.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
641	3.205	.005	1	0	4833.	4833.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
642	3.210	.005	1	0	4847.	4847.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
643	3.215	.005	1	0	4862.	4862.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
644	3.220	.005	1	0	4878.	4878.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
645	3.225	.005	1	0	4894.	4894.	.00	1.000	.0	1585.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
646	3.230	.005	1	0	4910.	4910.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
647	3.235	.005	1	0	4927.	4927.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

648	3.240	.005	1	0	4944.	4944.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
649	3.245	.005	1	0	4962.	4962.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
650	3.250	.005	1	0	4981.	4981.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
651	3.255	.005	1	0	4999.	4999.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
652	3.260	.005	1	0	5024.	5024.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
653	3.265	.005	1	0	5049.	5049.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
654	3.270	.005	1	0	5075.	5075.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
655	3.275	.005	1	0	5102.	5102.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
656	3.280	.005	1	0	5129.	5129.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
657	3.285	.005	1	0	5157.	5157.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
658	3.290	.005	1	0	5185.	5185.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
659	3.295	.005	1	0	5214.	5214.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
660	3.300	.005	1	0	5243.	5243.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
661	3.305	.005	1	0	5273.	5273.	.00	1.000	.0	1585.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
662	3.310	.005	1	0	5303.	5303.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
663	3.315	.005	1	0	5334.	5334.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
664	3.320	.005	1	0	5366.	5366.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
665	3.325	.005	1	0	5397.	5397.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
666	3.330	.005	1	0	5430.	5430.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
667	3.335	.005	1	0	5462.	5462.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
668	3.340	.005	1	0	5496.	5496.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
669	3.345	.005	1	0	5530.	5530.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
670	3.350	.005	1	0	5564.	5564.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
671	3.355	.005	1	0	5599.	5599.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
672	3.360	.005	1	0	5635.	5635.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
673	3.365	.005	1	0	5671.	5671.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
674	3.370	.005	1	0	5707.	5707.	.00	1.000	.0	1585.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
675	3.375	.005	1	0	5744.	5744.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
676	3.380	.005	1	0	5782.	5782.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
677	3.385	.005	1	0	5820.	5820.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
678	3.390	.005	1	0	5858.	5858.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
679	3.395	.005	1	0	5897.	5897.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
680	3.400	.005	1	0	5936.	5936.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
681	3.405	.005	1	0	5976.	5976.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
682	3.410	.005	1	0	6016.	6016.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
683	3.415	.005	1	0	6058.	6058.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
684	3.420	.005	1	0	6099.	6099.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
685	3.425	.005	1	0	6141.	6141.	.00	1.000	.0	1585.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
686	3.430	.005	1	0	6183.	6183.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
687	3.435	.005	1	0	6225.	6225.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
688	3.440	.005	1	0	6269.	6269.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
689	3.445	.005	1	0	6312.	6312.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
690	3.450	.005	1	0	6356.	6356.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
691	3.455	.005	1	0	6401.	6401.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
692	3.460	.005	1	0	6446.	6446.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
693	3.465	.005	1	0	6491.	6491.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
694	3.470	.005	1	0	6537.	6537.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
695	3.475	.005	1	0	6584.	6584.	.00	1.000	.0	1585.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
696	3.480	.005	1	0	6631.	6631.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
697	3.485	.005	1	0	6677.	6677.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
698	3.490	.005	1	0	6725.	6725.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
699	3.495	.005	1	0	6774.	6774.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
700	3.500	.005	1	0	6822.	6822.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
701	3.505	.005	1	0	6871.	6871.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
702	3.510	.005	1	0	6920.	6920.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
703	3.515	.005	1	0	6970.	6970.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
704	3.520	.005	1	0	7020.	7020.	.00	1.000	.0	1585.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
705	3.525	.005	1	0	7071.	7071.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
706	3.530	.005	1	0	7122.	7122.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
707	3.535	.005	1	0	7174.	7174.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

708	3.540	.005	1	0	7225.	7225.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
709	3.545	.005	1	0	7278.	7278.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
710	3.550	.005	1	0	7331.	7331.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
711	3.555	.005	1	0	7384.	7384.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
712	3.560	.005	1	0	7438.	7438.	.00	1.000	.0	1585.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
713	3.565	.005	1	0	7492.	7492.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
714	3.570	.005	1	0	7546.	7546.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
715	3.575	.005	1	0	7601.	7601.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
716	3.580	.005	1	0	7657.	7657.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
717	3.585	.005	1	0	7712.	7712.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
718	3.590	.005	1	0	7768.	7768.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
719	3.595	.005	1	0	7824.	7824.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
720	3.600	.005	1	0	7881.	7881.	.00	1.000	.0	1585.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
721	3.605	.005	1	0	7939.	7939.	.00	1.000	.0	1586.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
722	3.610	.005	1	0	7996.	7996.	.00	1.000	.0	1586.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
723	3.615	.005	1	0	8054.	8054.	.00	1.000	.0	1585.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
724	3.620	.005	1	0	8112.	8112.	.00	1.000	.0	1586.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
725	3.625	.005	1	0	8171.	8171.	.00	1.000	.0	1586.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
726	3.630	.005	1	0	8230.	8230.	.00	1.000	.0	1586.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
727	3.635	.005	1	0	8290.	8290.	.00	1.000	.0	1586.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
728	3.640	.005	1	0	8349.	8349.	.00	1.000	.0	1586.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
729	3.645	.005	1	0	8410.	8410.	.00	1.000	.0	1586.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
730	3.650	.005	1	0	8471.	8471.	.00	1.000	.0	1586.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
731	3.655	.005	1	0	8532.	8532.	.00	1.000	.0	1586.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
732	3.660	.005	1	0	8593.	8593.	.00	1.000	.0	1586.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
733	3.665	.005	1	0	8655.	8655.	.00	1.000	.0	1586.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
734	3.670	.005	1	0	8717.	8717.	.00	1.000	.0	1586.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
735	3.675	.005	1	0	8779.	8779.	.00	1.000	.0	1586.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
736	3.680	.005	1	0	8842.	8842.	.00	1.000	.0	1586.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
737	3.685	.005	1	0	8905.	8905.	.00	1.000	.0	1586.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
738	3.690	.005	1	0	8969.	8969.	.00	1.000	.0	1586.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
739	3.695	.005	1	0	9032.	9032.	.00	1.000	.0	1586.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
740	3.700	.005	1	0	9097.	9097.	.00	1.000	.0	1586.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
741	3.705	.005	1	0	9161.	9161.	.00	1.000	.0	1586.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
742	3.710	.005	1	0	9226.	9226.	.00	1.000	.0	1586.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
743	3.715	.005	1	0	9291.	9291.	.00	1.000	.0	1586.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
744	3.720	.005	1	0	9357.	9357.	.00	1.000	.0	1586.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
745	3.725	.005	1	0	9422.	9422.	.00	1.000	.0	1586.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
746	3.730	.005	1	0	9488.	9488.	.00	1.000	.0	1586.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
747	3.735	.005	1	0	9553.	9553.	.00	1.000	.0	1586.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
748	3.740	.005	1	0	9620.	9620.	.00	1.000	.0	1586.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
749	3.745	.005	1	0	9686.	9686.	.00	1.000	.0	1586.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
750	3.750	.005	1	0	9752.	9752.	.00	1.000	.0	1586.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
751	3.755	.005	1	0	9819.	9819.	.00	1.000	.0	1586.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
752	3.760	.005	1	0	9886.	9886.	.00	1.000	.0	1586.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
753	3.765	.005	1	0	9953.	9953.	.00	1.000	.0	1586.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
754	3.770	.005	1	0	10025.	10025.	.00	1.000	.0	1586.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
755	3.775	.005	1	0	10105.	10105.	.00	1.000	.0	1586.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
756	3.780	.005	1	0	10186.	10186.	.00	1.000	.0	1586.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
757	3.785	.005	1	0	10267.	10267.	.00	1.000	.0	1586.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
758	3.790	.005	1	0	10349.	10349.	.00	1.000	.0	1586.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
759	3.795	.005	1	0	10430.	10430.	.00	1.000	.0	1586.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
760	3.800	.005	1	0	10512.	10512.	.00	1.000	.0	1586.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
761	3.805	.005	1	0	10593.	10593.	.00	1.000	.0	1586.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
762	3.810	.005	1	0	10676.	10676.	.00	1.000	.0	1586.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
763	3.815	.005	1	0	10758.	10758.	.00	1.000	.0	1586.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
764	3.820	.005	1	0	10841.	10841.	.00	1.000	.0	1586.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
765	3.825	.005	1	0	10923.	10923.	.00	1.000	.0	1586.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
766	3.830	.005	1	0	11006.	11006.	.00	1.000	.0	1586.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
767	3.835	.005	1	0	11089.	11089.	.00	1.000	.0	1586.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

768	3.840	.005	1	0	11172.	11172.	.00	1.000	.0	1586.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
769	3.845	.005	1	0	11255.	11255.	.00	1.000	.0	1586.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
770	3.850	.005	1	0	11339.	11339.	.00	1.000	.0	1586.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
771	3.855	.005	1	0	11423.	11423.	.00	1.000	.0	1586.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
772	3.860	.005	1	0	11506.	11506.	.00	1.000	.0	1586.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
773	3.865	.005	1	0	11590.	11590.	.00	1.000	.0	1586.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
774	3.870	.005	1	0	11674.	11674.	.00	1.000	.0	1586.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
775	3.875	.005	1	0	11759.	11759.	.00	1.000	.0	1586.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
776	3.880	.005	1	0	11843.	11843.	.00	1.000	.0	1586.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
777	3.885	.005	1	0	11928.	11928.	.00	1.000	.0	1586.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
778	3.890	.005	1	0	12013.	12013.	.00	1.000	.0	1586.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
779	3.895	.005	1	0	12098.	12098.	.00	1.000	.0	1586.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
780	3.900	.005	1	0	12183.	12183.	.00	1.000	.0	1586.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
781	3.905	.005	1	0	12268.	12268.	.00	1.000	.0	1586.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
782	3.910	.005	1	0	12354.	12354.	.00	1.000	.0	1586.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
783	3.915	.005	1	0	12440.	12440.	.00	1.000	.0	1586.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
784	3.920	.005	1	0	12526.	12526.	.00	1.000	.0	1586.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
785	3.925	.005	1	0	12611.	12611.	.00	1.000	.0	1586.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
786	3.930	.005	1	0	12698.	12698.	.00	1.000	.0	1587.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
787	3.935	.005	1	0	12784.	12784.	.00	1.000	.0	1587.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
788	3.940	.005	1	0	12871.	12871.	.00	1.000	.0	1587.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
789	3.945	.005	1	0	12957.	12957.	.00	1.000	.0	1587.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
790	3.950	.005	1	0	13044.	13044.	.00	1.000	.0	1587.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
791	3.955	.005	1	0	13130.	13130.	.00	1.000	.0	1587.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
792	3.960	.005	1	0	13218.	13218.	.00	1.000	.0	1587.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
793	3.965	.005	1	0	13305.	13305.	.00	1.000	.0	1587.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
794	3.970	.005	1	0	13392.	13392.	.00	1.000	.0	1587.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
795	3.975	.005	1	0	13480.	13480.	.00	1.000	.0	1587.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
796	3.980	.005	1	0	13568.	13568.	.00	1.000	.0	1587.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
797	3.985	.005	1	0	13655.	13655.	.00	1.000	.0	1587.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
798	3.990	.005	1	0	13743.	13743.	.00	1.000	.0	1587.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
799	3.995	.005	1	0	13831.	13831.	.00	1.000	.0	1587.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
800	4.000	.005	1	0	13920.	13920.	.00	1.000	.0	1587.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
801	4.005	.005	1	0	14008.	14008.	.00	1.000	.0	1587.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
802	4.010	.005	1	0	14096.	14096.	.00	1.000	.0	1587.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
803	4.015	.005	1	0	14185.	14185.	.00	1.000	.0	1587.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
804	4.020	.005	1	0	14274.	14274.	.00	1.000	.0	1587.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
805	4.025	.005	1	0	14363.	14363.	.00	1.000	.0	1587.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
806	4.030	.005	1	0	14452.	14452.	.00	1.000	.0	1587.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
807	4.035	.005	1	0	14541.	14541.	.00	1.000	.0	1587.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
808	4.040	.005	1	0	14631.	14631.	.00	1.000	.0	1587.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
809	4.045	.005	1	0	14721.	14721.	.00	1.000	.0	1587.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
810	4.050	.005	1	0	14810.	14810.	.00	1.000	.0	1587.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
811	4.055	.005	1	0	14900.	14900.	.00	1.000	.0	1587.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
812	4.060	.005	1	0	14990.	14990.	.00	1.000	.0	1587.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
813	4.065	.005	1	0	15089.	15089.	.00	1.000	.0	1587.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
814	4.070	.005	1	0	15189.	15189.	.00	1.000	.0	1587.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
815	4.075	.005	1	0	15290.	15290.	.00	1.000	.0	1587.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
816	4.080	.005	1	0	15391.	15391.	.00	1.000	.0	1587.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
817	4.085	.005	1	0	15492.	15492.	.00	1.000	.0	1587.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
818	4.090	.005	1	0	15592.	15592.	.00	1.000	.0	1587.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
819	4.095	.005	1	0	15693.	15693.	.00	1.000	.0	1587.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
820	4.100	.005	1	0	15795.	15795.	.00	1.000	.0	1587.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
821	4.105	.005	1	0	15896.	15896.	.00	1.000	.0	1587.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
822	4.110	.005	1	0	15997.	15997.	.00	1.000	.0	1587.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
823	4.115	.005	1	0	16099.	16099.	.00	1.000	.0	1587.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
824	4.120	.005	1	0	16200.	16200.	.00	1.000	.0	1587.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
825	4.125	.005	1	0	16301.	16301.	.00	1.000	.0	1587.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
826	4.130	.005	1	0	16403.	16403.	.00	1.000	.0	1587.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
827	4.135	.005	1	0	16505.	16505.	.00	1.000	.0	1587.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

828	4.140	.005	1	0	16607.	16607.	.00	1.000	.0	1587.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
829	4.145	.005	1	0	16709.	16709.	.00	1.000	.0	1587.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
830	4.150	.005	1	0	16811.	16811.	.00	1.000	.0	1587.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
831	4.155	.005	1	0	16913.	16913.	.00	1.000	.0	1587.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
832	4.160	.005	1	0	17015.	17015.	.00	1.000	.0	1587.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
833	4.165	.005	1	0	17118.	17118.	.00	1.000	.0	1587.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
834	4.170	.005	1	0	17220.	17220.	.00	1.000	.0	1587.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
835	4.175	.005	1	0	17323.	17323.	.00	1.000	.0	1587.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
836	4.180	.005	1	0	17425.	17425.	.00	1.000	.0	1587.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
837	4.185	.005	1	0	17528.	17528.	.00	1.000	.0	1587.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
838	4.190	.005	1	0	17631.	17631.	.00	1.000	.0	1587.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
839	4.195	.005	1	0	17734.	17734.	.00	1.000	.0	1587.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
840	4.200	.005	1	0	17836.	17836.	.00	1.000	.0	1587.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
841	4.205	.005	1	0	17939.	17939.	.00	1.000	.0	1587.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
842	4.210	.005	1	0	18043.	18043.	.00	1.000	.0	1587.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
843	4.215	.005	1	0	18146.	18146.	.00	1.000	.0	1588.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
844	4.220	.005	1	0	18250.	18250.	.00	1.000	.0	1588.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
845	4.225	.005	1	0	18353.	18353.	.00	1.000	.0	1588.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
846	4.230	.005	1	0	18456.	18456.	.00	1.000	.0	1588.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
847	4.235	.005	1	0	18560.	18560.	.00	1.000	.0	1588.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
848	4.240	.005	1	0	18663.	18663.	.00	1.000	.0	1588.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
849	4.245	.005	1	0	18767.	18767.	.00	1.000	.0	1588.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
850	4.250	.005	1	0	18870.	18870.	.00	1.000	.0	1588.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
851	4.255	.005	1	0	18975.	18975.	.00	1.000	.0	1588.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
852	4.260	.005	1	0	19079.	19079.	.00	1.000	.0	1588.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
853	4.265	.005	1	0	19183.	19183.	.00	1.000	.0	1588.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
854	4.270	.005	1	0	19286.	19286.	.00	1.000	.0	1588.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
855	4.275	.005	1	0	19391.	19391.	.00	1.000	.0	1588.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
856	4.280	.005	1	0	19495.	19495.	.00	1.000	.0	1588.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
857	4.285	.005	1	0	19599.	19599.	.00	1.000	.0	1588.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
858	4.290	.005	1	0	19704.	19704.	.00	1.000	.0	1588.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
859	4.295	.005	1	0	19808.	19808.	.00	1.000	.0	1588.2	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
860	4.300	.005	1	0	19913.	19913.	.00	1.000	.0	1588.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
861	4.305	.005	1	0	20019.	20019.	.00	1.000	.0	1588.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
862	4.310	.005	1	0	20133.	20133.	.00	1.000	.0	1588.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
863	4.315	.005	1	0	20247.	20247.	.00	1.000	.0	1588.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
864	4.320	.005	1	0	20361.	20361.	.00	1.000	.0	1588.3	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
865	4.325	.005	1	0	20475.	20475.	.00	1.000	.0	1588.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
866	4.330	.005	1	0	20589.	20589.	.00	1.000	.0	1588.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
867	4.335	.005	1	0	20703.	20703.	.00	1.000	.0	1588.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
868	4.340	.005	1	0	20817.	20817.	.00	1.000	.0	1588.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
869	4.345	.005	1	0	20931.	20931.	.00	1.000	.0	1588.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
870	4.350	.005	1	0	21046.	21046.	.00	1.000	.0	1588.4	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
871	4.355	.005	1	0	21160.	21160.	.00	1.000	.0	1588.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
872	4.360	.005	1	0	21274.	21274.	.00	1.000	.0	1588.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
873	4.365	.005	1	0	21388.	21388.	.00	1.000	.0	1588.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
874	4.370	.005	1	0	21503.	21503.	.00	1.000	.0	1588.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
875	4.375	.005	1	0	21617.	21617.	.00	1.000	.0	1588.5	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
876	4.380	.005	1	0	21732.	21732.	.00	1.000	.0	1588.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
877	4.385	.005	1	0	21846.	21846.	.00	1.000	.0	1588.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
878	4.390	.005	1	0	21961.	21961.	.00	1.000	.0	1588.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
879	4.395	.005	1	0	22075.	22075.	.00	1.000	.0	1588.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
880	4.400	.005	1	0	22190.	22190.	.00	1.000	.0	1588.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
881	4.405	.005	1	0	22304.	22304.	.00	1.000	.0	1588.6	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
882	4.410	.005	1	0	22419.	22419.	.00	1.000	.0	1588.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
883	4.415	.005	1	0	22534.	22534.	.00	1.000	.0	1588.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
884	4.420	.005	1	0	22648.	22648.	.00	1.000	.0	1588.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
885	4.425	.005	1	0	22763.	22763.	.00	1.000	.0	1588.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
886	4.430	.005	1	0	22878.	22878.	.00	1.000	.0	1588.7	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
887	4.435	.005	1	0	22993.	22993.	.00	1.000	.0	1588.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0

888	4.440	.005	1	0	23107.	23107.	.00	1.000	.0	1588.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
889	4.445	.005	1	0	23223.	23223.	.00	1.000	.0	1588.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
890	4.450	.005	1	0	23337.	23337.	.00	1.000	.0	1588.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
891	4.455	.005	1	0	23452.	23452.	.00	1.000	.0	1588.8	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
892	4.460	.005	1	0	23567.	23567.	.00	1.000	.0	1588.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
893	4.465	.005	1	0	23683.	23683.	.00	1.000	.0	1588.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
894	4.470	.005	1	0	23797.	23797.	.00	1.000	.0	1588.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
895	4.475	.005	1	0	23912.	23912.	.00	1.000	.0	1588.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
896	4.480	.005	1	0	24027.	24027.	.00	1.000	.0	1588.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
897	4.485	.005	1	0	24143.	24143.	.00	1.000	.0	1588.9	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
898	4.490	.005	1	0	24258.	24258.	.00	1.000	.0	1589.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
899	4.495	.005	1	0	24373.	24373.	.00	1.000	.0	1589.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
900	4.500	.005	1	0	24488.	24488.	.00	1.000	.0	1589.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
901	4.505	.005	1	0	24603.	24603.	.00	1.000	.0	1589.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
902	4.510	.005	1	0	24719.	24719.	.00	1.000	.0	1589.0	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
903	4.515	.005	1	0	24834.	24834.	.00	1.000	.0	1589.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
904	4.520	.005	1	0	24950.	24950.	.00	1.000	.0	1589.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
905	4.525	.005	1	0	25045.	25045.	.00	1.000	.0	1589.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
906	4.530	.005	1	0	25160.	25160.	.00	1.000	.0	1589.1	1589.1	.0	.0	.0	.0096	.100	.000	0	.0
907	4.535	.005	1	0	25393.	25393.	.03	1.000	2.0	1589.1	1589.1	2.0	1.0	2.2	.0096	.004	.004	2	.0
908	4.555	.020	1	0	26224.	26224.	.13	1.000	2.2	1589.2	1589.1	2.2	1.1	2.4	.0096	.075	.075	2	.0
909	4.575	.020	1	0	28011.	28011.	.43	1.000	2.6	1589.2	1589.1	2.6	1.3	2.9	.0096	.210	.210	2	.0
910	4.595	.020	1	0	30127.	30127.	.99	1.000	3.3	1589.3	1589.1	3.3	1.7	3.7	.0096	.376	.376	2	.0
911	4.615	.020	1	0	32411.	32411.	1.97	1.000	4.5	1589.4	1589.1	4.5	2.2	5.0	.0096	.560	.560	2	.0
912	4.635	.020	1	0	34750.	34750.	3.53	1.000	6.0	1589.4	1589.1	6.0	3.0	6.7	.0096	.751	.751	2	.0
913	4.655	.020	1	0	37065.	37065.	5.23	1.000	7.8	1589.5	1589.1	7.8	3.9	8.8	.0096	.942	.942	2	.0
914	4.656	.001	1	0	38285.	38285.	5.54	1.000	7.9	1589.5	1589.1	7.9	4.0	8.9	.0096	.052	.052	2	.0
915	4.657	.001	1	0	38394.	38394.	5.69	1.000	8.0	1589.5	1589.1	8.0	4.0	9.0	.0096	.053	.053	1	.0
916	4.658	.001	1	0	38498.	38498.	5.83	1.000	8.2	1589.5	1589.1	8.2	4.1	9.1	.0096	.053	.053	1	.0
917	4.659	.001	1	0	38603.	38603.	5.98	1.000	8.3	1589.5	1589.1	8.3	4.1	9.2	.0096	.053	.053	1	.0
918	4.660	.001	1	0	38707.	38707.	7.13	1.000	8.4	1589.5	1589.1	8.4	4.2	9.4	.0096	.054	.054	1	.0
919	4.661	.001	1	0	38812.	38812.	7.28	1.000	8.5	1589.5	1589.1	8.5	4.2	9.5	.0096	.054	.054	1	.0
920	4.662	.001	1	0	38917.	38917.	7.43	1.000	8.6	1589.5	1589.1	8.6	4.3	9.6	.0096	.055	.055	1	.0
921	4.663	.001	1	0	39023.	39023.	7.58	1.000	8.7	1589.5	1589.1	8.7	4.3	9.7	.0096	.055	.055	1	.0
922	4.664	.001	1	0	39128.	39128.	7.74	1.000	8.8	1589.5	1589.1	8.8	4.4	9.8	.0096	.055	.056	1	.0
923	4.665	.001	1	0	39228.	39228.	7.90	1.000	8.9	1589.5	1589.1	8.9	4.5	10.0	.0096	.056	.056	1	.0
924	4.666	.001	1	0	39335.	39335.	8.06	1.000	9.0	1589.5	1589.1	9.0	4.5	10.1	.0096	.057	.057	1	.0
925	4.667	.001	1	0	39435.	39435.	8.23	1.000	9.1	1589.5	1589.1	9.1	4.6	10.2	.0096	.057	.057	1	.0
926	4.668	.001	1	0	39542.	39542.	8.39	1.000	9.3	1589.6	1589.1	9.3	4.6	10.4	.0096	.057	.057	1	.0
927	4.669	.001	1	0	39643.	39643.	8.56	1.000	9.4	1589.6	1589.1	9.4	4.7	10.5	.0096	.058	.058	1	.0
928	4.670	.001	1	0	39744.	39744.	8.73	1.000	9.5	1589.6	1589.1	9.5	4.7	10.6	.0096	.058	.058	1	.0
929	4.671	.001	1	0	39846.	39846.	8.90	1.000	9.6	1589.6	1589.1	9.6	4.8	10.7	.0096	.059	.059	1	.0
930	4.672	.001	1	0	39948.	39948.	9.08	1.000	9.7	1589.6	1589.1	9.7	4.9	10.9	.0096	.059	.059	1	.0
931	4.673	.001	1	0	40050.	40050.	9.25	1.000	9.8	1589.6	1589.1	9.8	4.9	11.0	.0096	.060	.060	1	.0
932	4.674	.001	1	0	40152.	40152.	9.43	1.000	10.0	1589.6	1589.1	10.0	5.0	11.1	.0096	.060	.060	1	.0
933	4.675	.001	1	0	40255.	40255.	9.62	1.000	10.1	1589.6	1589.1	10.1	5.0	11.3	.0096	.060	.060	1	.0
934	4.676	.001	1	0	40358.	40358.	9.80	1.000	10.2	1589.6	1589.1	10.2	5.1	11.4	.0096	.061	.061	1	.0
935	4.677	.001	1	0	40455.	40455.	9.98	1.000	10.3	1589.6	1589.1	10.3	5.2	11.6	.0096	.061	.061	1	.0
936	4.678	.001	1	0	40558.	40558.	10.17	1.000	10.5	1589.6	1589.1	10.5	5.2	11.7	.0096	.062	.062	1	.0
937	4.679	.001	1	0	40656.	40656.	10.36	1.000	10.6	1589.6	1589.1	10.6	5.3	11.8	.0096	.062	.062	1	.0
938	4.680	.001	1	0	40759.	40759.	10.56	1.000	10.7	1589.6	1589.1	10.7	5.4	12.0	.0096	.063	.063	1	.0
939	4.681	.001	1	0	40857.	40857.	10.75	1.000	10.8	1589.6	1589.1	10.8	5.4	12.1	.0096	.063	.063	1	.0
940	4.682	.001	1	0	40956.	40956.	10.95	1.000	11.0	1589.6	1589.1	11.0	5.5	12.3	.0096	.063	.063	1	.0
941	4.683	.001	1	0	41060.	41060.	11.15	1.000	11.1	1589.6	1589.1	11.1	5.5	12.4	.0096	.064	.064	1	.0

KSLUMP= 1 HCK= 6.27 DELT= .02 DEL= 30.25

942	4.684	.001	1	0	41158.	41158.	11.24	1.000	11.7	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	3.0
943	4.685	.001	1	0	41257.	41257.	11.33	1.000	12.0	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	4.5
944	4.686	.001	1	0	41356.	41356.	11.41	1.000	12.3	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	6.1

945	4.687	.001	1	0	41450.	41450.	11.49	1.000	12.6	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	7.5
946	4.688	.001	1	0	41549.	41549.	11.57	1.000	12.9	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	9.1
947	4.689	.001	1	0	41648.	41648.	11.65	1.000	13.2	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	10.6
948	4.690	.001	1	0	41748.	41748.	11.74	1.000	13.5	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	12.1
949	4.691	.001	1	0	41842.	41842.	11.82	1.000	13.8	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	13.6
950	4.692	.001	1	0	41942.	41942.	11.90	1.000	14.1	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	15.1
951	4.693	.001	1	0	42037.	42037.	11.98	1.000	14.4	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	16.6
952	4.694	.001	1	0	42131.	42131.	12.07	1.000	14.7	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	18.1
953	4.695	.001	1	0	42226.	42226.	12.15	1.000	15.0	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	19.7
954	4.696	.001	1	0	42327.	42327.	12.24	1.000	15.4	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	21.2
955	4.697	.001	1	0	42422.	42422.	12.32	1.000	15.7	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	22.7
956	4.698	.001	1	0	42517.	42517.	12.40	1.000	16.1	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	24.2
957	4.699	.001	1	0	42613.	42613.	12.49	1.000	16.4	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	25.7
958	4.700	.001	1	0	42702.	42702.	12.57	1.000	16.8	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	27.2
959	4.701	.001	1	0	42798.	42798.	12.66	1.000	17.2	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	28.7
960	4.702	.001	1	0	42894.	42894.	12.75	1.000	17.6	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	30.3
961	4.703	.001	1	0	42990.	42990.	12.82	1.000	17.6	1589.6	1589.1	11.1	5.5	12.4	.0096	.000	.000	0	30.3
962	4.704	.001	1	0	43080.	43080.	13.03	1.000	17.8	1589.6	1589.1	11.2	5.6	12.5	.0096	.065	.065	3	30.3
963	4.705	.001	1	0	43177.	43177.	13.26	1.000	18.0	1589.6	1589.1	11.3	5.7	12.7	.0096	.065	.065	0	30.3
964	4.706	.001	1	0	43267.	43267.	13.48	1.000	18.2	1589.6	1589.1	11.5	5.7	12.8	.0096	.066	.066	2	30.3
965	4.707	.001	1	0	43358.	43358.	13.70	1.000	18.4	1589.6	1589.1	11.6	5.8	13.0	.0096	.066	.066	0	30.3
966	4.708	.001	1	0	43455.	43455.	13.93	1.000	18.6	1589.6	1589.1	11.7	5.9	13.1	.0096	.066	.066	2	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
967	4.709	.001	1	0	43546.	43546.	14.16	1.000	18.8	1589.6	1589.1	11.9	5.9	13.3	.0096	.066	.066	0	30.3
968	4.710	.001	1	0	43637.	43637.	14.39	1.000	19.0	1589.6	1589.1	12.0	6.0	13.4	.0096	.067	.067	2	30.3
969	4.711	.001	1	0	43728.	43728.	14.63	1.000	19.2	1589.6	1589.1	12.1	6.1	13.6	.0096	.067	.067	0	30.3
970	4.712	.001	1	0	43819.	43819.	14.86	1.000	19.4	1589.6	1589.1	12.3	6.1	13.7	.0096	.068	.068	2	30.3
971	4.713	.001	1	0	43911.	43911.	15.10	1.000	19.7	1589.6	1589.1	12.4	6.2	13.9	.0096	.068	.068	0	30.3
972	4.714	.001	1	0	44002.	44002.	15.34	1.000	19.9	1589.6	1589.1	12.6	6.3	14.0	.0096	.068	.068	2	30.3
973	4.715	.001	2	0	44073.	44054.	19.39	1.000	12.7	1589.6	1589.0	12.6	53.9	.1	.0096	.100	.095	5	30.3
974	4.715	.001	2	0	44122.	44097.	24.98	1.000	12.8	1589.6	1588.9	12.6	54.3	.2	.0096	.127	.120	5	30.3
975	4.716	.001	2	0	44172.	44139.	32.80	1.000	13.0	1589.6	1588.8	12.6	54.7	.3	.0096	.162	.165	5	30.3
976	4.716	.001	2	0	44232.	44188.	43.88	1.000	13.2	1589.6	1588.6	12.6	55.3	.5	.0096	.207	.212	5	30.3
977	4.717	.001	2	0	44290.	44231.	59.61	1.000	13.5	1589.6	1588.3	12.6	56.0	.8	.0096	.263	.270	5	30.3
978	4.717	.001	2	0	44355.	44273.	81.80	1.000	13.8	1589.6	1588.0	12.6	56.9	1.1	.0096	.330	.338	5	30.3
979	4.718	.001	2	0	44434.	44322.	112.68	1.000	14.2	1589.6	1587.7	12.6	58.0	1.4	.0096	.406	.401	5	30.3
980	4.718	.001	2	0	44522.	44364.	157.30	1.000	14.8	1589.7	1587.2	12.6	59.4	1.9	.0096	.522	.515	5	30.3
981	4.719	.001	2	0	44628.	44406.	222.06	1.000	15.5	1589.7	1586.6	12.6	61.1	2.5	.0096	.647	.640	5	30.3
982	4.719	.001	2	0	44762.	44448.	313.92	1.000	16.3	1589.7	1585.9	12.6	63.3	3.2	.0096	.800	.804	5	30.3
983	4.720	.001	2	0	44931.	44490.	441.18	1.000	17.4	1589.7	1585.0	12.6	65.9	4.1	.0096	.955	.960	5	30.3
984	4.720	.001	2	0	45146.	44532.	614.32	1.000	18.6	1589.7	1583.9	12.6	68.9	5.2	.0096	1.117	1.123	5	30.3
985	4.721	.001	2	0	45411.	44573.	838.08	1.000	19.9	1589.7	1582.8	12.6	72.3	6.3	.0096	1.244	1.251	5	30.3
986	4.721	.001	2	0	45737.	44614.	1122.77	1.000	21.4	1589.7	1581.5	12.6	76.0	7.6	.0096	1.369	1.368	5	30.3
987	4.722	.001	2	0	46124.	44649.	1474.54	1.000	23.0	1589.7	1580.1	12.6	80.0	9.0	.0096	1.473	1.474	5	30.3
988	4.722	.001	2	0	46582.	44684.	1897.93	1.000	24.8	1589.7	1578.6	12.6	84.2	10.5	.0096	1.552	1.554	7	30.3
989	4.723	.001	2	0	47118.	44719.	2398.92	1.000	26.6	1589.7	1577.1	12.6	88.5	12.0	.0096	1.620	1.629	5	30.3
990	4.723	.001	2	0	47732.	44754.	2978.21	1.000	28.4	1589.7	1575.5	12.6	93.0	13.6	.0096	1.665	1.670	7	30.3
991	4.724	.001	2	0	48426.	44788.	3638.15	1.000	30.3	1589.7	1573.9	12.6	97.6	15.2	.0096	1.697	1.705	9	30.3
992	4.724	.001	2	0	49193.	44817.	4376.48	1.000	32.3	1589.7	1572.2	12.6	102.3	16.9	.0096	1.711	1.720	13	30.3
993	4.725	.001	2	0	50039.	44839.	5199.90	1.000	34.2	1589.7	1570.5	12.6	106.9	18.6	.0096	1.707	1.707	21	30.3
994	4.725	.001	2	0	50978.	44867.	6110.93	1.000	36.2	1589.7	1568.8	12.6	111.7	20.3	.0096	1.668	1.668	21	30.3
995	4.726	.001	2	0	51967.	44883.	7084.07	1.000	38.1	1589.7	1567.2	12.6	116.3	21.9	.0096	1.628	1.628	21	30.3
996	4.726	.001	3	0	53323.	44899.	8424.72	1.000	40.6	1589.7	1565.1	12.6	.0	11.2	.0096	.007	.007	5	30.3
997	4.731	.005	3	0	53463.	44985.	8477.51	1.000	40.7	1589.7	1565.1	12.7	.1	11.1	.0096	.071	.071	5	30.3
998	4.736	.005	3	0	53666.	45134.	8531.52	1.000	40.8	1589.7	1565.1	12.8	.1	11.1	.0096	.071	.071	5	30.3
999	4.741	.005	3	0	53869.	45283.	8585.78	1.000	41.0	1589.7	1565.1	13.0	.1	11.1	.0096	.072	.072	5	30.3

1000	4.746	.005	3	0	54067.	45427.	8640.36	1.000	41.1	1589.7	1565.1	13.1	.1	11.1	.0096	.072	.072	5	30.3
1001	4.751	.005	3	0	54266.	45570.	8695.34	1.000	41.3	1589.7	1565.1	13.3	.1	11.1	.0096	.073	.072	5	30.3
1002	4.756	.005	3	0	54465.	45714.	8750.58	1.000	41.4	1589.7	1565.1	13.4	.1	11.0	.0096	.073	.073	5	30.3
1003	4.761	.005	3	0	54658.	45852.	8806.15	1.000	41.6	1589.7	1565.1	13.6	.1	11.0	.0096	.073	.073	5	30.3
1004	4.766	.005	3	0	54852.	45990.	8862.11	1.000	41.7	1589.7	1565.1	13.7	.1	11.0	.0096	.074	.074	5	30.3
1005	4.771	.005	3	0	55047.	46129.	8918.34	1.000	41.9	1589.7	1565.1	13.9	.1	11.0	.0096	.074	.074	5	30.3
1006	4.776	.005	3	0	55243.	46268.	8974.98	1.000	42.0	1589.7	1565.1	14.0	.1	10.9	.0096	.075	.075	5	30.3
1007	4.781	.005	3	0	55432.	46401.	9031.94	1.000	42.2	1589.7	1565.1	14.2	.2	10.9	.0096	.075	.075	5	30.3
1008	4.786	.005	3	0	55623.	46534.	9089.18	1.000	42.3	1589.7	1565.1	14.3	.2	10.9	.0096	.076	.076	5	30.3
1009	4.791	.005	3	0	55814.	46667.	9146.82	1.000	42.5	1589.7	1565.1	14.5	.2	10.9	.0096	.076	.076	5	30.3
1010	4.796	.005	3	0	56005.	46800.	9204.88	1.000	42.6	1589.7	1565.1	14.6	.2	10.9	.0096	.077	.077	5	30.3
1011	4.801	.005	3	0	56191.	46928.	9263.13	1.000	42.8	1589.7	1565.1	14.8	.2	10.8	.0096	.077	.077	5	30.3
1012	4.806	.005	3	0	56377.	47055.	9321.80	1.000	42.9	1589.7	1565.1	14.9	.2	10.8	.0096	.078	.078	5	30.3
1013	4.811	.005	3	0	56558.	47177.	9380.79	1.000	43.1	1589.7	1565.1	15.1	.2	10.8	.0096	.078	.078	5	30.3
1014	4.816	.005	3	0	56732.	47292.	9440.13	1.000	43.2	1589.7	1565.1	15.3	.2	10.8	.0096	.079	.079	5	30.3
1015	4.821	.005	3	0	56907.	47408.	9499.73	1.000	43.4	1589.7	1565.1	15.4	.2	10.8	.0096	.079	.079	5	30.3
1016	4.826	.005	3	0	57077.	47517.	9559.67	1.000	43.6	1589.7	1565.1	15.6	.2	10.7	.0096	.080	.080	5	30.3
1017	4.831	.005	3	0	57240.	47620.	9619.95	1.000	43.7	1589.7	1565.1	15.7	.2	10.7	.0096	.080	.080	5	30.3
1018	4.836	.005	3	0	57397.	47716.	9680.42	1.000	43.9	1589.7	1565.1	15.9	.2	10.7	.0096	.081	.081	5	30.3
1019	4.841	.005	3	0	57554.	47813.	9741.31	1.000	44.0	1589.7	1565.1	16.1	.2	10.7	.0096	.081	.081	5	30.3
1020	4.846	.005	3	0	57706.	47904.	9802.54	1.000	44.2	1589.7	1565.1	16.2	.2	10.7	.0096	.082	.082	5	30.3
1021	4.851	.005	3	0	57852.	47988.	9864.11	1.000	44.4	1589.7	1565.1	16.4	.2	10.6	.0096	.082	.082	5	30.3
1022	4.856	.005	3	0	57998.	48072.	9925.96	1.000	44.5	1589.7	1565.1	16.5	.2	10.6	.0096	.083	.083	5	30.3
1023	4.861	.005	3	0	58137.	48149.	9988.16	1.000	44.7	1589.7	1565.1	16.7	.2	10.6	.0096	.083	.083	5	30.3
1024	4.866	.005	3	0	58278.	48227.	10050.79	1.000	44.9	1589.7	1565.1	16.9	.2	10.6	.0096	.084	.084	5	30.3
1025	4.871	.005	3	0	58412.	48298.	10113.51	1.000	45.0	1589.7	1565.1	17.1	.2	10.6	.0096	.084	.084	5	30.3
1026	4.876	.005	3	0	58547.	48370.	10176.86	1.000	45.2	1589.7	1565.1	17.2	.2	10.5	.0096	.085	.085	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1027	4.881	.005	3	0	58675.	48435.	10240.46	1.000	45.4	1589.7	1565.1	17.4	.2	10.5	.0096	.085	.085	5	30.3
1028	4.886	.005	3	0	58798.	48493.	10304.41	1.000	45.6	1589.7	1565.1	17.6	.2	10.5	.0096	.086	.086	5	30.3
1029	4.891	.005	3	0	58920.	48552.	10368.65	1.000	45.7	1589.7	1565.1	17.7	.2	10.5	.0096	.086	.086	5	30.3
1030	4.896	.005	3	0	59044.	48610.	10433.32	1.000	45.9	1589.7	1565.1	17.9	.2	10.5	.0096	.087	.087	5	30.3
1031	4.901	.005	3	0	59161.	48662.	10498.35	1.000	46.1	1589.7	1565.1	18.1	.2	10.4	.0096	.088	.088	5	30.3
1032	4.906	.005	3	0	59278.	48715.	10563.82	1.000	46.3	1589.7	1565.1	18.3	.2	10.4	.0096	.088	.088	5	30.3
1033	4.911	.005	3	0	59390.	48760.	10629.49	1.000	46.4	1589.7	1565.1	18.4	.2	10.4	.0096	.089	.089	5	30.3
1034	4.916	.005	3	0	59501.	48806.	10695.61	1.000	46.6	1589.7	1565.1	18.6	.2	10.4	.0096	.089	.089	5	30.3
1035	4.921	.005	3	0	59607.	48845.	10762.08	1.000	46.8	1589.7	1565.1	18.8	.2	10.4	.0096	.090	.090	5	30.3
1036	4.926	.005	3	0	59713.	48884.	10829.00	1.000	47.0	1589.7	1565.1	19.0	.2	10.4	.0096	.090	.090	5	30.3
1037	4.931	.005	3	0	59819.	48923.	10896.22	1.000	47.2	1589.7	1565.1	19.2	.2	10.3	.0096	.091	.091	5	30.3
1038	4.936	.005	3	0	59919.	48956.	10963.79	1.000	47.3	1589.7	1565.1	19.3	.2	10.3	.0096	.091	.091	5	30.3
1039	4.941	.005	3	0	60020.	48988.	11031.82	1.000	47.5	1589.7	1565.1	19.5	.2	10.3	.0096	.092	.092	5	30.3
1040	4.946	.005	3	0	60114.	49014.	11100.20	1.000	47.7	1589.7	1565.1	19.7	.2	10.3	.0096	.093	.093	5	30.3
1041	4.951	.005	3	0	60216.	49047.	11169.16	1.000	47.9	1589.7	1565.1	19.9	.2	10.3	.0096	.093	.093	5	30.3
1042	4.956	.005	3	0	60311.	49073.	11238.30	1.000	48.1	1589.7	1565.1	20.1	.2	10.2	.0096	.094	.094	5	30.3
1043	4.961	.005	3	0	60400.	49092.	11307.81	1.000	48.3	1589.7	1565.1	20.3	.2	10.2	.0096	.094	.094	5	30.3
1044	4.966	.005	3	0	60496.	49118.	11377.88	1.000	48.5	1589.7	1565.1	20.5	.2	10.2	.0096	.095	.095	5	30.3
1045	4.971	.005	3	0	60586.	49138.	11448.32	1.000	48.6	1589.7	1565.1	20.7	.2	10.2	.0096	.096	.096	5	30.3
1046	4.976	.005	3	0	60670.	49151.	11519.13	1.000	48.8	1589.7	1565.1	20.8	.2	10.2	.0096	.096	.096	5	30.3
1047	4.981	.005	3	0	60760.	49170.	11590.34	1.000	49.0	1589.7	1565.1	21.0	.2	10.1	.0096	.097	.097	5	30.3
1048	4.986	.005	3	0	60845.	49183.	11661.92	1.000	49.2	1589.7	1565.1	21.2	.2	10.1	.0096	.097	.097	5	30.3
1049	4.991	.005	3	0	60930.	49196.	11733.97	1.000	49.4	1589.7	1565.1	21.4	.2	10.1	.0096	.098	.098	5	30.3
1050	4.996	.005	3	0	61008.	49202.	11806.39	1.000	49.6	1589.7	1565.1	21.6	.2	10.1	.0096	.099	.099	5	30.3
1051	5.001	.005	3	0	61094.	49215.	11879.40	1.000	49.8	1589.7	1565.1	21.8	.2	10.1	.0096	.099	.099	5	30.3
1052	5.006	.005	3	0	61174.	49221.	11952.78	1.000	50.0	1589.7	1565.1	22.0	.2	10.1	.0096	.100	.100	5	30.3
1053	5.011	.005	3	0	61254.	49227.	12026.47	1.000	50.2	1589.7	1565.1	22.2	.2	10.0	.0096	.100	.100	5	30.3
1054	5.016	.005	3	0	61328.	49227.	12100.52	1.000	50.4	1589.7	1565.1	22.4	.2	10.0	.0096	.101	.101	5	30.3

1055	5.021	.005	3	0	61408.	49233.	12175.18	1.000	50.6	1589.7	1565.1	22.6	.2	10.0	.0096	.102	.102	5	30.3
1056	5.026	.005	3	0	61483.	49233.	12250.20	1.000	50.8	1589.7	1565.1	22.8	.2	10.0	.0096	.102	.102	5	30.3
1057	5.031	.005	3	0	61558.	49233.	12325.72	1.000	51.0	1589.7	1565.1	23.0	.2	10.0	.0096	.103	.103	5	30.3
1058	5.036	.005	3	0	61634.	49232.	12401.73	1.000	51.2	1589.7	1565.1	23.2	.2	10.0	.0096	.104	.103	5	30.3
1059	5.041	.005	3	0	61703.	49225.	12477.93	1.000	51.4	1589.7	1565.1	23.5	.2	9.9	.0096	.104	.104	5	30.3
1060	5.046	.005	3	0	61780.	49225.	12554.74	1.000	51.7	1589.7	1565.1	23.7	.2	9.9	.0096	.105	.105	5	30.3
1061	5.051	.005	3	0	61850.	49218.	12631.93	1.000	51.9	1589.7	1565.1	23.9	.2	9.9	.0096	.105	.105	5	30.3
1062	5.056	.005	3	0	61921.	49211.	12709.62	1.000	52.1	1589.7	1565.1	24.1	.2	9.9	.0096	.106	.106	5	30.3
1063	5.061	.005	3	0	61992.	49204.	12787.80	1.000	52.3	1589.7	1565.1	24.3	.2	9.9	.0096	.107	.107	5	30.3
1064	5.066	.005	3	0	62064.	49197.	12866.49	1.000	52.5	1589.7	1565.1	24.5	.2	9.9	.0096	.107	.107	5	30.3
1065	5.071	.005	3	0	62129.	49184.	12945.56	1.000	52.7	1589.7	1565.1	24.7	.2	9.8	.0096	.108	.108	5	30.3
1066	5.076	.005	3	0	62195.	49170.	13025.14	1.000	52.9	1589.7	1565.1	25.0	.2	9.8	.0096	.109	.109	5	30.3
1067	5.081	.005	3	0	62269.	49163.	13105.35	1.000	53.2	1589.7	1565.1	25.2	.2	9.8	.0096	.109	.109	5	30.3
1068	5.086	.005	3	0	62336.	49150.	13185.94	1.000	53.4	1589.7	1565.1	25.4	.2	9.8	.0096	.110	.110	5	30.3
1069	5.091	.005	3	0	62396.	49130.	13266.73	1.000	53.6	1589.7	1565.1	25.6	.2	9.8	.0096	.111	.111	5	30.3
1070	5.096	.005	3	0	62464.	49116.	13348.16	1.000	53.8	1589.7	1565.1	25.8	.2	9.8	.0096	.111	.111	5	30.3
1071	5.101	.005	3	0	62533.	49103.	13430.09	1.000	54.0	1589.7	1565.1	26.1	.2	9.7	.0096	.112	.112	5	30.3
1072	5.106	.005	3	0	62595.	49083.	13512.41	1.000	54.3	1589.7	1565.1	26.3	.2	9.7	.0096	.113	.113	5	30.3
1073	5.111	.005	3	0	62651.	49056.	13595.13	1.000	54.5	1589.7	1565.1	26.5	.2	9.7	.0096	.113	.113	5	30.3
1074	5.116	.005	3	0	62714.	49036.	13678.50	1.000	54.7	1589.7	1565.1	26.7	.2	9.7	.0096	.114	.114	5	30.3
1075	5.121	.005	3	0	62765.	49003.	13762.14	1.000	55.0	1589.7	1565.1	27.0	.2	9.7	.0096	.115	.115	5	30.3
1076	5.126	.005	3	0	62816.	48969.	13846.29	1.000	55.2	1589.7	1565.1	27.2	.2	9.7	.0096	.116	.116	5	30.3
1077	5.131	.005	3	0	62867.	48936.	13930.98	1.000	55.4	1589.7	1565.1	27.4	.2	9.7	.0096	.116	.116	5	30.3
1078	5.136	.005	3	0	62912.	48896.	14016.06	1.000	55.7	1589.7	1565.1	27.7	.2	9.6	.0096	.117	.117	5	30.3
1079	5.141	.005	3	0	62952.	48850.	14101.54	1.000	55.9	1589.7	1565.1	27.9	.2	9.6	.0096	.118	.118	5	30.3
1080	5.146	.005	3	0	62991.	48804.	14187.55	1.000	56.1	1589.7	1565.1	28.1	.2	9.6	.0096	.118	.118	5	30.3
1081	5.151	.005	3	0	63032.	48758.	14274.09	1.000	56.4	1589.7	1565.1	28.4	.2	9.6	.0096	.119	.119	5	30.3
1082	5.156	.005	3	0	63066.	48705.	14361.04	1.000	56.6	1589.7	1565.1	28.6	.2	9.6	.0096	.120	.120	5	30.3
1083	5.161	.005	3	0	63094.	48646.	14448.38	1.000	56.8	1589.7	1565.1	28.9	.2	9.6	.0096	.121	.121	5	30.3
1084	5.166	.005	3	0	63129.	48593.	14536.39	1.000	57.1	1589.7	1565.1	29.1	.2	9.5	.0096	.121	.121	5	30.3
1085	5.171	.005	3	0	63159.	48534.	14624.80	1.000	57.3	1589.7	1565.1	29.3	.2	9.5	.0096	.122	.122	5	30.3
1086	5.176	.005	3	0	63182.	48468.	14713.62	1.000	57.6	1589.7	1565.1	29.6	.2	9.5	.0096	.123	.123	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1087	5.181	.005	3	0	63205.	48402.	14802.98	1.000	57.8	1589.7	1565.1	29.8	.2	9.5	.0096	.124	.123	5	30.3
1088	5.186	.005	3	0	63230.	48337.	14892.87	1.000	58.1	1589.7	1565.1	30.1	.2	9.5	.0096	.124	.124	5	30.3
1089	5.191	.005	3	0	63248.	48265.	14983.18	1.000	58.3	1589.7	1565.1	30.3	.3	9.5	.0096	.125	.125	5	30.3
1090	5.196	.005	3	0	63267.	48193.	15074.03	1.000	58.6	1589.7	1565.1	30.6	.3	9.5	.0096	.126	.126	5	30.3
1091	5.201	.005	3	0	63287.	48121.	15165.42	1.000	58.8	1589.7	1565.1	30.8	.3	9.5	.0096	.127	.126	5	30.3
1092	5.206	.005	3	0	63300.	48043.	15257.22	1.000	59.1	1589.7	1565.1	31.1	.3	9.5	.0096	.127	.127	5	30.3
1093	5.211	.005	3	0	63314.	47965.	15349.57	1.000	59.3	1589.7	1565.1	31.4	.3	9.4	.0096	.128	.128	5	30.3
1094	5.216	.005	3	0	63329.	47887.	15442.46	1.000	59.6	1589.7	1565.1	31.6	.3	9.4	.0096	.129	.129	5	30.3
1095	5.221	.005	3	0	63338.	47802.	15535.78	1.000	59.9	1589.7	1565.1	31.9	.3	9.4	.0096	.130	.130	5	30.3
1096	5.226	.005	3	0	63354.	47724.	15629.78	1.000	60.1	1589.7	1565.1	32.1	.3	9.4	.0096	.130	.131	5	30.3
1097	5.231	.005	3	0	63358.	47634.	15724.05	1.000	60.4	1589.7	1565.1	32.4	.3	9.4	.0096	.131	.131	5	30.3
1098	5.236	.005	3	0	63368.	47549.	15819.02	1.000	60.6	1589.7	1565.1	32.7	.3	9.4	.0096	.132	.132	5	30.3
1099	5.241	.005	3	0	63373.	47459.	15914.40	1.000	60.9	1589.7	1565.1	32.9	.3	9.4	.0096	.133	.133	5	30.3
1100	5.246	.005	3	0	63379.	47369.	16010.34	1.000	61.2	1589.7	1565.1	33.2	.3	9.3	.0096	.134	.134	5	30.3
1101	5.251	.005	3	0	63385.	47278.	16106.84	1.000	61.4	1589.7	1565.1	33.5	.3	9.3	.0096	.134	.134	5	30.3
1102	5.256	.005	3	0	63386.	47182.	16203.76	1.000	61.7	1589.7	1565.1	33.7	.3	9.3	.0096	.135	.135	5	30.3
1103	5.261	.005	3	0	63387.	47085.	16301.24	1.000	62.0	1589.7	1565.1	34.0	.3	9.3	.0096	.136	.136	5	30.3
1104	5.266	.005	3	0	63388.	46989.	16399.28	1.000	62.3	1589.7	1565.1	34.3	.3	9.3	.0096	.137	.137	5	30.3
1105	5.271	.005	3	0	63391.	46893.	16497.89	1.000	62.5	1589.7	1565.1	34.5	.3	9.3	.0096	.138	.138	5	30.3
1106	5.276	.005	3	0	63387.	46791.	16596.91	1.000	62.8	1589.7	1565.1	34.8	.3	9.3	.0096	.138	.138	5	30.3
1107	5.281	.005	3	0	63391.	46695.	16696.65	1.000	63.1	1589.7	1565.1	35.1	.3	9.2	.0096	.139	.139	5	30.3
1108	5.286	.005	3	0	63389.	46593.	16796.82	1.000	63.4	1589.7	1565.1	35.4	.3	9.2	.0096	.140	.140	5	30.3
1109	5.291	.005	3	0	63382.	46484.	16897.41	1.000	63.7	1589.7	1565.1	35.7	.3	9.2	.0096	.141	.141	5	30.3

1110	5.296	.005	3	0	63381.	46383.	16998.96	1.000	63.9	1589.7	1565.1	35.9	.3	9.2	.0096	.142	.142	5	30.3
1111	5.301	.005	3	0	63376.	46275.	17100.94	1.000	64.2	1589.7	1565.1	36.2	.3	9.2	.0096	.143	.142	5	30.3
1112	5.306	.005	3	0	63370.	46167.	17203.50	1.000	64.5	1589.7	1565.1	36.5	.3	9.2	.0096	.144	.144	5	30.3
1113	5.311	.005	3	0	63366.	46059.	17306.63	1.000	64.8	1589.7	1565.1	36.8	.3	9.2	.0096	.144	.144	5	30.3
1114	5.316	.005	3	0	63362.	45952.	17410.35	1.000	65.1	1589.7	1565.1	37.1	.3	9.2	.0096	.145	.145	5	30.3
1115	5.321	.005	3	0	63353.	45838.	17514.49	1.000	65.4	1589.7	1565.1	37.4	.3	9.2	.0096	.146	.146	5	30.3
1116	5.326	.005	3	0	63344.	45725.	17619.22	1.000	65.7	1589.7	1565.1	37.7	.3	9.1	.0096	.147	.147	5	30.3
1117	5.331	.005	3	0	63336.	45612.	17724.54	1.000	66.0	1589.7	1565.1	38.0	.3	9.1	.0096	.148	.148	5	30.3
1118	5.336	.005	3	0	63329.	45499.	17830.43	1.000	66.3	1589.7	1565.1	38.3	.3	9.1	.0096	.149	.149	5	30.3
1119	5.341	.005	3	0	63323.	45386.	17937.18	1.000	66.6	1589.7	1565.1	38.6	.3	9.1	.0096	.150	.150	5	30.3
1120	5.346	.005	3	0	63312.	45268.	18044.36	1.000	66.9	1589.7	1565.1	38.9	.3	9.1	.0096	.151	.150	5	30.3
1121	5.351	.005	3	0	63307.	45155.	18152.29	1.000	67.2	1589.7	1565.1	39.2	.3	9.1	.0096	.152	.152	5	30.3
1122	5.356	.005	3	0	63298.	45037.	18260.66	1.000	67.5	1589.7	1565.1	39.5	.3	9.1	.0096	.152	.152	5	30.3
1123	5.361	.005	3	0	63288.	44919.	18369.62	1.000	67.8	1589.7	1565.1	39.8	.3	9.1	.0096	.153	.153	5	30.3
1124	5.366	.005	3	0	63274.	44795.	18479.02	1.000	68.1	1589.7	1565.1	40.1	.3	9.0	.0096	.154	.154	5	30.3
1125	5.371	.005	3	0	63266.	44677.	18589.18	1.000	68.4	1589.7	1565.1	40.4	.3	9.0	.0096	.155	.155	5	30.3
1126	5.376	.005	3	0	63254.	44554.	18700.05	1.000	68.7	1589.7	1565.1	40.7	.3	9.0	.0096	.156	.156	5	30.3
1127	5.381	.005	3	0	63248.	44436.	18811.68	1.000	69.0	1589.7	1565.1	41.0	.3	9.0	.0096	.157	.157	5	30.3
1128	5.386	.005	3	0	63237.	44313.	18923.76	1.000	69.3	1589.7	1565.1	41.4	.3	9.0	.0096	.158	.158	5	30.3
1129	5.391	.005	3	0	63221.	44184.	19036.28	1.000	69.7	1589.6	1565.1	41.7	.3	9.0	.0096	.159	.159	5	30.3
1130	5.396	.005	3	0	63211.	44062.	19149.56	1.000	70.0	1589.6	1565.1	42.0	.3	9.0	.0096	.160	.160	5	30.3
1131	5.401	.005	3	0	63197.	43934.	19263.30	1.000	70.3	1589.6	1565.1	42.3	.3	9.0	.0096	.161	.161	5	30.3
1132	5.406	.005	3	0	63190.	43812.	19378.09	1.000	70.6	1589.6	1565.1	42.6	.3	9.0	.0096	.162	.162	5	30.3
1133	5.411	.005	3	0	63177.	43684.	19493.33	1.000	71.0	1589.6	1565.1	43.0	.3	9.0	.0096	.163	.163	5	30.3
1134	5.416	.005	3	0	63165.	43556.	19609.18	1.000	71.3	1589.6	1565.1	43.3	.3	8.9	.0096	.164	.164	5	30.3
1135	5.421	.005	3	0	63155.	43429.	19725.65	1.000	71.6	1589.6	1565.1	43.6	.3	8.9	.0096	.165	.165	5	30.3
1136	5.426	.005	3	0	63138.	43296.	19842.57	1.000	71.9	1589.6	1565.1	43.9	.3	8.9	.0096	.165	.165	5	30.3
1137	5.431	.005	3	0	63130.	43169.	19960.56	1.000	72.3	1589.6	1565.1	44.3	.3	8.9	.0096	.167	.166	5	30.3
1138	5.436	.005	3	0	63116.	43037.	20079.02	1.000	72.6	1589.6	1565.1	44.6	.3	8.9	.0096	.168	.168	5	30.3
1139	5.441	.005	3	0	63103.	42905.	20198.09	1.000	72.9	1589.6	1565.1	45.0	.3	8.9	.0096	.169	.169	5	30.3
1140	5.446	.005	3	0	63091.	42773.	20317.79	1.000	73.3	1589.6	1565.1	45.3	.3	8.9	.0096	.169	.170	5	30.3
1141	5.451	.005	3	0	63080.	42641.	20438.12	1.000	73.6	1589.6	1565.1	45.6	.3	8.9	.0096	.170	.170	5	30.3
1142	5.456	.005	3	0	63063.	42504.	20559.20	1.000	74.0	1589.6	1565.1	46.0	.3	8.9	.0096	.172	.171	5	30.3
1143	5.461	.005	3	0	63054.	42373.	20680.91	1.000	74.3	1589.6	1565.1	46.3	.3	8.8	.0096	.173	.173	5	30.3
1144	5.466	.005	3	0	63040.	42237.	20803.42	1.000	74.7	1589.6	1565.1	46.7	.3	8.8	.0096	.174	.174	5	30.3
1145	5.471	.005	3	0	63027.	42101.	20926.40	1.000	75.0	1589.6	1565.1	47.0	.3	8.8	.0096	.174	.175	5	30.3
1146	5.476	.005	3	0	63016.	41965.	21050.32	1.000	75.4	1589.6	1565.1	47.4	.4	8.8	.0096	.176	.175	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1147	5.481	.005	3	0	62999.	41824.	21174.70	1.000	75.7	1589.6	1565.1	47.7	.4	8.8	.0096	.177	.177	5	30.3
1148	5.486	.005	3	0	62989.	41689.	21299.90	1.000	76.1	1589.6	1565.1	48.1	.4	8.8	.0096	.178	.178	5	30.3
1149	5.491	.005	3	0	62974.	41548.	21425.56	1.000	76.4	1589.6	1565.1	48.4	.4	8.8	.0096	.179	.179	5	30.3
1150	5.496	.005	3	0	62966.	41414.	21552.04	1.000	76.8	1589.6	1565.1	48.8	.4	8.8	.0096	.180	.180	5	30.3
1151	5.501	.005	3	0	62954.	41274.	21679.31	1.000	77.1	1589.6	1565.1	49.2	.4	8.8	.0096	.181	.181	5	30.3
1152	5.506	.005	3	0	62936.	41129.	21807.04	1.000	77.5	1589.6	1565.1	49.5	.4	8.8	.0096	.182	.182	5	30.3
1153	5.511	.005	3	0	62926.	40990.	21935.59	1.000	77.9	1589.6	1565.1	49.9	.4	8.7	.0096	.183	.183	5	30.3
1154	5.516	.005	3	0	62905.	40840.	22064.75	1.000	78.2	1589.6	1565.1	50.3	.4	8.7	.0096	.184	.184	5	30.3
1155	5.521	.005	3	0	62885.	40691.	22194.57	1.000	78.6	1589.6	1565.1	50.6	.4	8.7	.0096	.185	.185	5	30.3
1156	5.526	.005	3	0	62866.	40541.	22325.03	1.000	79.0	1589.6	1565.1	51.0	.4	8.7	.0096	.186	.186	5	30.3
1157	5.531	.005	3	0	62843.	40387.	22455.96	1.000	79.4	1589.6	1565.1	51.4	.4	8.7	.0096	.187	.187	5	30.3
1158	5.536	.005	3	0	62821.	40233.	22587.88	1.000	79.7	1589.6	1565.1	51.8	.4	8.7	.0096	.189	.188	5	30.3
1159	5.541	.005	3	0	62794.	40074.	22720.26	1.000	80.1	1589.6	1565.1	52.1	.4	8.7	.0096	.190	.190	5	30.3
1160	5.546	.005	3	0	62763.	39910.	22853.11	1.000	80.5	1589.6	1565.1	52.5	.4	8.7	.0096	.191	.191	5	30.3
1161	5.551	.005	3	0	62733.	39746.	22986.62	1.000	80.9	1589.6	1565.1	52.9	.4	8.7	.0096	.192	.192	5	30.3
1162	5.556	.005	3	0	62704.	39583.	23121.12	1.000	81.3	1589.6	1565.1	53.3	.4	8.7	.0096	.193	.193	5	30.3
1163	5.561	.005	3	0	62671.	39415.	23256.08	1.000	81.7	1589.5	1565.1	53.7	.4	8.7	.0096	.194	.194	5	30.3
1164	5.566	.005	3	0	62639.	39248.	23391.71	1.000	82.1	1589.5	1565.1	54.1	.4	8.6	.0096	.195	.195	5	30.3

1165	5.571	.005	3	0	62604.	39075.	23528.14	1.000	82.4	1589.5	1565.1	54.5	.4	8.6	.0096	.196	.195	5	30.3
1166	5.576	.005	3	0	62569.	38904.	23665.24	1.000	82.8	1589.5	1565.1	54.8	.4	8.6	.0096	.197	.198	5	30.3
1167	5.581	.005	3	0	62530.	38727.	23802.81	1.000	83.2	1589.5	1565.1	55.2	.4	8.6	.0096	.198	.199	5	30.3
1168	5.586	.005	3	0	62493.	38552.	23941.05	1.000	83.6	1589.5	1565.1	55.6	.4	8.6	.0096	.200	.200	5	30.3
1169	5.591	.005	3	0	62457.	38377.	24080.30	1.000	84.0	1589.5	1565.1	56.0	.4	8.6	.0096	.201	.201	5	30.3
1170	5.596	.005	3	0	62417.	38197.	24220.02	1.000	84.4	1589.5	1565.1	56.4	.4	8.6	.0096	.202	.202	5	30.3
1171	5.601	.005	3	0	62378.	38018.	24360.41	1.000	84.8	1589.5	1565.1	56.9	.4	8.6	.0096	.203	.203	5	30.3
1172	5.606	.005	3	0	62336.	37835.	24501.62	1.000	85.3	1589.5	1565.1	57.3	.4	8.6	.0096	.205	.204	5	30.3
1173	5.611	.005	3	0	62295.	37652.	24643.50	1.000	85.7	1589.5	1565.1	57.7	.4	8.6	.0096	.206	.206	5	30.3
1174	5.616	.005	3	0	62251.	37465.	24785.86	1.000	86.1	1589.5	1565.1	58.1	.4	8.6	.0096	.207	.207	5	30.3
1175	5.621	.005	3	0	62208.	37278.	24929.24	1.000	86.5	1589.5	1565.1	58.5	.4	8.6	.0096	.208	.208	5	30.3
1176	5.626	.005	3	0	62166.	37093.	25073.31	1.000	86.9	1589.5	1565.1	58.9	.4	8.5	.0096	.209	.209	5	30.3
1177	5.631	.005	3	0	62121.	36903.	25217.84	1.000	87.3	1589.5	1565.1	59.3	.4	8.5	.0096	.210	.210	5	30.3
1178	5.636	.005	3	0	62078.	36715.	25363.42	1.000	87.8	1589.5	1565.1	59.8	.4	8.5	.0096	.212	.211	5	30.3
1179	5.641	.005	3	0	62031.	36522.	25509.47	1.000	88.2	1589.5	1565.1	60.2	.4	8.5	.0096	.213	.213	5	30.3
1180	5.646	.005	3	0	61986.	36330.	25656.20	1.000	88.6	1589.5	1565.1	60.6	.4	8.5	.0096	.214	.214	5	30.3
1181	5.651	.005	3	0	61943.	36139.	25803.98	1.000	89.0	1589.5	1565.1	61.1	.4	8.5	.0096	.216	.215	5	30.3
1182	5.656	.005	3	0	61896.	35944.	25952.24	1.000	89.5	1589.5	1565.1	61.5	.4	8.5	.0096	.217	.217	5	30.3
1183	5.661	.005	3	0	61851.	35750.	26101.18	1.000	89.9	1589.5	1565.1	61.9	.4	8.5	.0096	.218	.218	5	30.3
1184	5.666	.005	3	0	61808.	35557.	26251.18	1.000	90.4	1589.5	1565.1	62.4	.4	8.5	.0096	.219	.219	5	30.3
1185	5.671	.005	3	0	61762.	35360.	26401.66	1.000	90.8	1589.5	1565.1	62.8	.4	8.5	.0096	.220	.220	5	30.3
1186	5.676	.005	3	0	61718.	35165.	26552.82	1.000	91.2	1589.5	1565.1	63.2	.4	8.5	.0096	.221	.221	5	30.3
1187	5.681	.005	3	0	61670.	34965.	26704.84	1.000	91.7	1589.4	1565.1	63.7	.4	8.5	.0096	.223	.223	5	30.3
1188	5.686	.005	3	0	61625.	34767.	26857.55	1.000	92.1	1589.4	1565.1	64.1	.4	8.4	.0096	.224	.224	5	30.3
1189	5.691	.005	3	0	61577.	34566.	27010.74	1.000	92.6	1589.4	1565.1	64.6	.5	8.4	.0096	.225	.225	5	30.3
1190	5.696	.005	3	0	61536.	34370.	27165.23	1.000	93.0	1589.4	1565.1	65.0	.5	8.4	.0096	.227	.226	5	30.3
1191	5.701	.005	3	0	61486.	34167.	27319.96	1.000	93.5	1589.4	1565.1	65.5	.5	8.4	.0096	.228	.228	5	30.3
1192	5.706	.005	3	0	61445.	33969.	27475.62	1.000	93.9	1589.4	1565.1	66.0	.5	8.4	.0096	.229	.229	5	30.3
1193	5.711	.005	3	0	61400.	33768.	27632.14	1.000	94.4	1589.4	1565.1	66.4	.5	8.4	.0096	.231	.230	5	30.3
1194	5.716	.005	3	0	61353.	33564.	27789.13	1.000	94.9	1589.4	1565.1	66.9	.5	8.4	.0096	.232	.232	5	30.3
1195	5.721	.005	3	0	61313.	33366.	27947.05	1.000	95.3	1589.4	1565.1	67.3	.5	8.4	.0096	.233	.233	5	30.3
1196	5.726	.005	3	0	61265.	33160.	28105.62	1.000	95.8	1589.4	1565.1	67.8	.5	8.4	.0096	.235	.235	5	30.3
1197	5.731	.005	3	0	61225.	32960.	28265.11	1.000	96.3	1589.4	1565.1	68.3	.5	8.4	.0096	.236	.236	5	30.3
1198	5.736	.005	3	0	61183.	32758.	28425.07	1.000	96.8	1589.4	1565.1	68.8	.5	8.4	.0096	.237	.237	5	30.3
1199	5.741	.005	3	0	61138.	32552.	28585.91	1.000	97.2	1589.4	1565.1	69.2	.5	8.4	.0096	.239	.239	5	30.3
1200	5.746	.005	3	0	61100.	32353.	28747.69	1.000	97.7	1589.4	1565.1	69.7	.5	8.3	.0096	.240	.240	5	30.3
1201	5.751	.005	3	0	61056.	32146.	28910.12	1.000	98.2	1589.4	1565.1	70.2	.5	8.3	.0096	.241	.241	5	30.3
1202	5.756	.005	3	0	61020.	31946.	29073.48	1.000	98.7	1589.4	1565.1	70.7	.5	8.3	.0096	.243	.243	5	30.3
1203	5.761	.005	3	0	60981.	31743.	29237.32	1.000	99.2	1589.4	1565.1	71.2	.5	8.3	.0096	.244	.244	5	30.3
1204	5.766	.005	3	0	60940.	31538.	29402.05	1.000	99.7	1589.4	1565.1	71.7	.5	8.3	.0096	.245	.245	5	30.3
1205	5.771	.005	3	0	60902.	31335.	29567.48	1.000	100.1	1589.4	1565.1	72.2	.5	8.3	.0096	.247	.247	5	30.3
1206	5.776	.005	3	0	60867.	31134.	29733.62	1.000	100.6	1589.3	1565.1	72.7	.5	8.3	.0096	.248	.248	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1207	5.781	.005	3	0	60831.	30931.	29900.66	1.000	101.1	1589.3	1565.1	73.2	.5	8.3	.0096	.250	.250	5	30.3
1208	5.786	.005	3	0	60798.	30729.	30068.41	1.000	101.6	1589.3	1565.1	73.7	.5	8.3	.0096	.251	.251	5	30.3
1209	5.791	.005	3	0	60763.	30526.	30237.05	1.000	102.1	1589.3	1565.1	74.2	.5	8.3	.0096	.253	.252	5	30.3
1210	5.796	.005	3	0	60732.	30326.	30406.40	1.000	102.7	1589.3	1565.1	74.7	.5	8.3	.0096	.254	.254	5	30.3
1211	5.801	.005	3	0	60700.	30123.	30576.22	1.000	103.2	1589.3	1565.1	75.2	.5	8.3	.0096	.255	.255	5	30.3
1212	5.806	.005	3	0	60671.	29923.	30747.20	1.000	103.7	1589.3	1565.1	75.7	.5	8.3	.0096	.257	.257	5	30.3
1213	5.811	.005	3	0	60645.	29726.	30918.88	1.000	104.2	1589.3	1565.1	76.2	.5	8.2	.0096	.258	.258	5	30.3
1214	5.816	.005	3	0	60619.	29527.	31091.03	1.000	104.7	1589.3	1565.1	76.7	.5	8.2	.0096	.259	.259	5	30.3
1215	5.821	.005	3	0	60592.	29328.	31264.09	1.000	105.2	1589.3	1565.1	77.2	.5	8.2	.0096	.261	.261	5	30.3
1216	5.826	.005	3	0	60569.	29131.	31437.86	1.000	105.8	1589.3	1565.1	77.8	.5	8.2	.0096	.262	.262	5	30.3
1217	5.831	.005	3	0	60546.	28933.	31612.53	1.000	106.3	1589.3	1565.1	78.3	.5	8.2	.0096	.264	.263	5	30.3
1218	5.836	.005	3	0	60526.	28738.	31787.93	1.000	106.8	1589.3	1565.1	78.8	.5	8.2	.0096	.265	.265	5	30.3
1219	5.841	.005	3	0	60507.	28543.	31963.78	1.000	107.4	1589.3	1565.1	79.4	.5	8.2	.0096	.266	.266	5	30.3

1220	5.846	.005	3	0	60492.	28352.	32140.81	1.000	107.9	1589.3	1565.1	79.9	.5	8.2	.0096	.268	.268	5	30.3
1221	5.851	.005	3	0	60482.	28163.	32318.55	1.000	108.4	1589.3	1565.1	80.4	.5	8.2	.0096	.269	.270	5	30.3
1222	5.856	.005	3	0	60468.	27971.	32496.95	1.000	109.0	1589.2	1565.1	81.0	.5	8.2	.0096	.271	.271	5	30.3
1223	5.861	.005	3	0	60460.	27784.	32676.06	1.000	109.5	1589.2	1565.1	81.5	.5	8.2	.0096	.273	.273	5	30.3
1224	5.866	.005	3	0	60455.	27600.	32855.89	1.000	110.1	1589.2	1565.1	82.1	.5	8.2	.0096	.274	.274	5	30.3
1225	5.871	.005	3	0	60450.	27413.	33036.37	1.000	110.6	1589.2	1565.1	82.6	.6	8.2	.0096	.276	.276	5	30.3
1226	5.876	.005	3	0	60452.	27234.	33217.84	1.000	111.2	1589.2	1565.1	83.2	.6	8.2	.0096	.277	.277	5	30.3
1227	5.881	.005	3	0	60454.	27054.	33399.96	1.000	111.7	1589.2	1565.1	83.7	.6	8.2	.0096	.279	.279	5	30.3
1228	5.886	.005	3	0	60461.	26878.	33582.80	1.000	112.3	1589.2	1565.1	84.3	.6	8.1	.0096	.280	.280	5	30.3
1229	5.891	.005	3	0	60470.	26704.	33766.08	1.000	112.8	1589.2	1565.1	84.9	.6	8.1	.0096	.281	.281	5	30.3
1230	5.896	.005	3	0	60487.	26536.	33950.55	1.000	113.4	1589.2	1565.1	85.4	.6	8.1	.0096	.283	.283	5	30.3
1231	5.901	.005	3	0	60503.	26368.	34135.19	1.000	114.0	1589.2	1565.1	86.0	.6	8.1	.0096	.285	.285	5	30.3
1232	5.906	.005	3	0	60528.	26207.	34321.04	1.000	114.6	1589.2	1565.1	86.6	.6	8.1	.0096	.287	.286	5	30.3
1233	5.911	.005	3	0	60559.	26051.	34507.59	1.000	115.1	1589.2	1565.1	87.1	.6	8.1	.0096	.288	.288	5	30.3
1234	5.916	.005	3	0	60593.	25898.	34694.30	1.000	115.7	1589.2	1565.1	87.7	.6	8.1	.0096	.289	.289	5	30.3
1235	5.921	.005	3	0	60633.	25751.	34881.93	1.000	116.3	1589.1	1565.1	88.3	.6	8.1	.0096	.291	.291	5	30.3
1236	5.926	.005	3	0	60683.	25613.	35070.27	1.000	116.9	1589.1	1565.1	88.9	.6	8.1	.0096	.292	.292	5	30.3
1237	5.931	.005	3	0	60741.	25482.	35259.54	1.000	117.5	1589.1	1565.1	89.5	.6	8.1	.0096	.294	.294	5	30.3
1238	5.936	.005	3	0	60808.	25359.	35448.94	1.000	118.1	1589.1	1565.1	90.1	.6	8.1	.0096	.296	.296	5	30.3
1239	5.941	.005	3	0	60888.	25249.	35639.05	1.000	118.7	1589.1	1565.1	90.7	.6	8.1	.0096	.297	.297	5	30.3
1240	5.946	.005	3	0	60984.	25154.	35830.08	1.000	119.3	1589.1	1565.1	91.3	.6	8.1	.0096	.299	.299	5	30.3
1241	5.951	.005	3	0	61106.	25085.	36021.22	1.000	119.9	1589.1	1565.1	91.9	.6	8.0	.0096	.300	.300	5	30.3
1242	5.956	.005	3	0	61260.	25047.	36213.29	1.000	120.5	1589.1	1565.1	92.5	.6	8.0	.0096	.302	.302	5	30.3
1243	5.961	.005	3	0	61414.	25008.	36405.47	1.000	121.1	1589.1	1565.1	93.1	.6	8.0	.0096	.304	.304	5	30.3
1244	5.966	.005	3	0	61552.	24954.	36598.04	1.000	121.7	1589.1	1565.1	93.7	.6	8.0	.0096	.305	.305	5	30.3
1245	5.971	.005	3	0	61688.	24896.	36791.52	1.000	122.3	1589.1	1565.1	94.3	.6	8.0	.0096	.307	.307	5	30.3
1246	5.976	.005	3	0	61822.	24837.	36985.09	1.000	122.9	1589.1	1565.1	94.9	.6	8.0	.0096	.308	.308	5	30.3
1247	5.981	.005	3	0	61955.	24776.	37179.26	1.000	123.5	1589.0	1565.1	95.5	.6	8.0	.0096	.310	.310	5	30.3
1248	5.986	.005	3	0	62088.	24714.	37373.81	1.000	124.1	1589.0	1565.1	96.2	.6	8.0	.0096	.312	.312	5	30.3
1249	5.991	.005	3	0	62220.	24652.	37568.73	1.000	124.8	1589.0	1565.1	96.8	.6	8.0	.0096	.313	.313	5	30.3
1250	5.996	.005	3	0	62352.	24587.	37764.24	1.000	125.4	1589.0	1565.1	97.4	.6	8.0	.0096	.315	.315	5	30.3
1251	6.001	.005	3	0	62483.	24523.	37960.11	1.000	126.0	1589.0	1565.1	98.0	.6	8.0	.0096	.317	.317	5	30.3
1252	6.006	.005	3	0	62614.	24457.	38156.88	1.000	126.7	1589.0	1565.1	98.7	.6	8.0	.0096	.319	.319	5	30.3
1253	6.011	.005	3	0	62744.	24390.	38353.68	1.000	127.3	1589.0	1565.1	99.3	.6	8.0	.0096	.320	.320	5	30.3
1254	6.016	.005	3	0	62872.	24321.	38550.52	1.000	128.0	1589.0	1565.1	100.0	.6	7.9	.0096	.321	.322	5	30.3
1255	6.021	.005	3	0	63000.	24252.	38748.23	1.000	128.6	1589.0	1565.1	100.6	.6	7.9	.0096	.324	.323	5	30.3
1256	6.026	.005	3	0	63128.	24182.	38946.29	1.000	129.3	1588.9	1565.1	101.3	.6	7.9	.0096	.325	.325	5	30.3
1257	6.031	.005	3	0	63255.	24111.	39144.66	1.000	129.9	1588.9	1565.1	101.9	.7	7.9	.0096	.326	.326	5	30.3
1258	6.036	.005	3	0	63381.	24037.	39343.27	1.000	130.6	1588.9	1565.1	102.6	.7	7.9	.0096	.328	.329	5	30.3
1259	6.041	.005	3	0	63507.	23964.	39542.51	1.000	131.2	1588.9	1565.1	103.2	.7	7.9	.0096	.330	.330	5	30.3
1260	6.046	.005	3	0	63631.	23889.	39741.75	1.000	131.9	1588.9	1565.1	103.9	.7	7.9	.0096	.331	.331	5	30.3
1261	6.051	.005	3	0	63756.	23814.	39941.84	1.000	132.6	1588.9	1565.1	104.6	.7	7.9	.0096	.333	.334	5	30.3
1262	6.056	.005	3	0	63879.	23737.	40141.89	1.000	133.2	1588.9	1565.1	105.2	.7	7.9	.0096	.335	.335	5	30.3
1263	6.061	.005	3	0	64001.	23659.	40342.25	1.000	133.9	1588.9	1565.1	105.9	.7	7.9	.0096	.336	.336	5	30.3
1264	6.066	.005	3	0	64123.	23580.	40543.12	1.000	134.6	1588.9	1565.1	106.6	.7	7.9	.0096	.338	.339	5	30.3
1265	6.071	.005	3	0	64244.	23499.	40744.26	1.000	135.3	1588.8	1565.1	107.3	.7	7.9	.0096	.340	.340	5	30.3
1266	6.076	.005	3	0	64364.	23419.	40945.68	1.000	135.9	1588.8	1565.1	107.9	.7	7.9	.0096	.341	.341	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1267	6.081	.005	3	0	64484.	23336.	41147.59	1.000	136.6	1588.8	1565.1	108.6	.7	7.9	.0096	.343	.344	5	30.3
1268	6.086	.005	3	0	64603.	23253.	41349.75	1.000	137.3	1588.8	1565.1	109.3	.7	7.8	.0096	.345	.345	5	30.3
1269	6.091	.005	3	0	64721.	23169.	41552.18	1.000	138.0	1588.8	1565.1	110.0	.7	7.8	.0096	.346	.346	5	30.3
1270	6.096	.005	3	0	64839.	23084.	41755.08	1.000	138.7	1588.8	1565.1	110.7	.7	7.8	.0096	.349	.349	5	30.3
1271	6.101	.005	3	0	64955.	22997.	41957.87	1.000	139.4	1588.8	1565.1	111.4	.7	7.8	.0096	.350	.350	5	30.3
1272	6.106	.005	3	0	65071.	22910.	42161.24	1.000	140.1	1588.7	1565.1	112.1	.7	7.8	.0096	.351	.352	5	30.3
1273	6.111	.005	3	0	65186.	22821.	42365.07	1.000	140.8	1588.7	1565.1	112.8	.7	7.8	.0096	.354	.354	5	30.3
1274	6.116	.005	3	0	65300.	22731.	42568.76	1.000	141.5	1588.7	1565.1	113.5	.7	7.8	.0096	.355	.355	5	30.3

1275	6.121	.005	3	0	65413.	22640.	42772.66	1.000	142.2	1588.7	1565.1	114.2	.7	7.8	.0096	.357	.357	5	30.3
1276	6.126	.005	3	0	65526.	22549.	42977.36	1.000	143.0	1588.7	1565.1	115.0	.7	7.8	.0096	.359	.359	5	30.3
1277	6.131	.005	3	0	65638.	22456.	43181.89	1.000	143.7	1588.7	1565.1	115.7	.7	7.8	.0096	.360	.360	5	30.3
1278	6.136	.005	3	0	65749.	22362.	43386.61	1.000	144.4	1588.7	1565.1	116.4	.7	7.8	.0096	.362	.362	5	30.3
1279	6.141	.005	3	0	65859.	22267.	43592.11	1.000	145.1	1588.6	1565.1	117.1	.7	7.8	.0096	.364	.363	5	30.3
1280	6.146	.005	3	0	65969.	22171.	43797.41	1.000	145.9	1588.6	1565.1	117.9	.7	7.8	.0096	.365	.366	5	30.3
1281	6.151	.005	3	0	66077.	22074.	44002.88	1.000	146.6	1588.6	1565.1	118.6	.7	7.7	.0096	.367	.367	5	30.3
1282	6.156	.005	3	0	66185.	21977.	44208.51	1.000	147.3	1588.6	1565.1	119.3	.7	7.7	.0096	.368	.369	5	30.3
1283	6.161	.005	3	0	66292.	21877.	44414.52	1.000	148.1	1588.6	1565.1	120.1	.7	7.7	.0096	.371	.371	5	30.3
1284	6.166	.005	3	0	66397.	21777.	44620.31	1.000	148.8	1588.6	1565.1	120.8	.7	7.7	.0096	.372	.372	5	30.3
1285	6.171	.005	3	0	66503.	21676.	44826.59	1.000	149.6	1588.5	1565.1	121.6	.7	7.7	.0096	.374	.374	5	30.3
1286	6.176	.005	3	0	66607.	21574.	45033.25	1.000	150.3	1588.5	1565.1	122.3	.8	7.7	.0096	.376	.375	5	30.3
1287	6.181	.005	3	0	66711.	21471.	45240.01	1.000	151.1	1588.5	1565.1	123.1	.8	7.7	.0096	.377	.378	5	30.3
1288	6.186	.005	3	0	66813.	21366.	45446.51	1.000	151.8	1588.5	1565.1	123.8	.8	7.7	.0096	.379	.379	5	30.3
1289	6.191	.005	3	0	66914.	21261.	45653.11	1.000	152.6	1588.5	1565.1	124.6	.8	7.7	.0096	.380	.381	5	30.3
1290	6.196	.005	3	0	67015.	21155.	45860.41	1.000	153.4	1588.5	1565.1	125.4	.8	7.7	.0096	.383	.383	5	30.3
1291	6.201	.005	3	0	67115.	21047.	46067.42	1.000	154.1	1588.4	1565.1	126.1	.8	7.7	.0096	.384	.384	5	30.3
1292	6.206	.005	3	0	67214.	20939.	46274.50	1.000	154.9	1588.4	1565.1	126.9	.8	7.7	.0096	.386	.386	5	30.3
1293	6.211	.005	3	0	67311.	20829.	46481.89	1.000	155.7	1588.4	1565.1	127.7	.8	7.7	.0096	.388	.387	5	30.3
1294	6.216	.005	3	0	67409.	20719.	46689.72	1.000	156.4	1588.4	1565.1	128.5	.8	7.6	.0096	.390	.390	5	30.3
1295	6.221	.005	3	0	67505.	20608.	46897.21	1.000	157.2	1588.4	1565.1	129.2	.8	7.6	.0096	.391	.391	5	30.3
1296	6.226	.005	3	0	67599.	20495.	47104.35	1.000	158.0	1588.4	1565.1	130.0	.8	7.6	.0096	.393	.393	5	30.3
1297	6.231	.005	3	0	67693.	20381.	47312.14	1.000	158.8	1588.3	1565.1	130.8	.8	7.6	.0096	.395	.394	5	30.3
1298	6.236	.005	3	0	67787.	20267.	47519.97	1.000	159.6	1588.3	1565.1	131.6	.8	7.6	.0096	.397	.397	5	30.3
1299	6.241	.005	3	0	67880.	20152.	47727.79	1.000	160.4	1588.3	1565.1	132.4	.8	7.6	.0096	.398	.398	5	30.3
1300	6.246	.005	3	0	67970.	20035.	47935.23	1.000	161.2	1588.3	1565.1	133.2	.8	7.6	.0096	.400	.400	5	30.3
1301	6.251	.005	3	0	68067.	19924.	48143.30	1.000	162.0	1588.3	1565.1	134.0	.8	7.6	.0096	.402	.401	5	30.3
1302	6.256	.005	3	0	68166.	19815.	48350.95	1.000	162.8	1588.2	1565.1	134.8	.8	7.6	.0096	.404	.404	5	30.3
1303	6.261	.005	3	0	68263.	19705.	48558.58	1.000	163.6	1588.2	1565.1	135.6	.8	7.6	.0096	.405	.405	5	30.3
1304	6.266	.005	3	0	68360.	19594.	48766.16	1.000	164.4	1588.2	1565.1	136.4	.8	7.6	.0096	.407	.407	5	30.3
1305	6.271	.005	3	0	68456.	19482.	48973.70	1.000	165.2	1588.2	1565.1	137.3	.8	7.5	.0096	.408	.408	5	30.3
1306	6.276	.005	3	0	68551.	19369.	49181.42	1.000	166.1	1588.2	1565.1	138.1	.8	7.5	.0096	.411	.410	5	30.3
1307	6.281	.005	3	0	68644.	19255.	49388.67	1.000	166.9	1588.2	1565.1	138.9	.8	7.5	.0096	.412	.412	5	30.3
1308	6.286	.005	3	0	68737.	19140.	49596.25	1.000	167.7	1588.1	1565.1	139.7	.8	7.5	.0096	.414	.414	5	30.3
1309	6.291	.005	3	0	68828.	19025.	49803.33	1.000	168.5	1588.1	1565.1	140.6	.8	7.5	.0096	.415	.415	5	30.3
1310	6.296	.005	3	0	68918.	18908.	50010.56	1.000	169.4	1588.1	1565.1	141.4	.8	7.5	.0096	.418	.417	5	30.3
1311	6.301	.005	3	0	69007.	18790.	50217.68	1.000	170.2	1588.1	1565.1	142.2	.8	7.5	.0096	.419	.419	5	30.3
1312	6.306	.005	3	0	69096.	18671.	50424.69	1.000	171.1	1588.0	1565.1	143.1	.8	7.5	.0096	.421	.421	5	30.3
1313	6.311	.005	3	0	69183.	18552.	50631.56	1.000	171.9	1588.0	1565.1	143.9	.8	7.5	.0096	.422	.422	5	30.3
1314	6.316	.005	3	0	69269.	18431.	50837.87	1.000	172.8	1588.0	1565.1	144.8	.8	7.5	.0096	.424	.424	5	30.3
1315	6.321	.005	3	0	69355.	18310.	51044.71	1.000	173.6	1588.0	1565.1	145.6	.9	7.5	.0096	.426	.425	5	30.3
1316	6.326	.005	3	0	69438.	18187.	51250.95	1.000	174.5	1588.0	1565.1	146.5	.9	7.5	.0096	.428	.428	5	30.3
1317	6.331	.005	3	0	69521.	18064.	51457.02	1.000	175.3	1587.9	1565.1	147.3	.9	7.4	.0096	.429	.430	5	30.3
1318	6.336	.005	3	0	69602.	17939.	51662.91	1.000	176.2	1587.9	1565.1	148.2	.9	7.4	.0096	.431	.431	5	30.3
1319	6.341	.005	3	0	69682.	17814.	51868.16	1.000	177.0	1587.9	1565.1	149.1	.9	7.4	.0096	.432	.433	5	30.3
1320	6.346	.005	3	0	69762.	17688.	52073.67	1.000	177.9	1587.9	1565.1	149.9	.9	7.4	.0096	.434	.434	5	30.3
1321	6.351	.005	3	0	69839.	17561.	52278.76	1.000	178.8	1587.9	1565.1	150.8	.9	7.4	.0096	.437	.436	5	30.3
1322	6.356	.005	3	0	69917.	17433.	52484.05	1.000	179.7	1587.8	1565.1	151.7	.9	7.4	.0096	.438	.438	5	30.3
1323	6.361	.005	3	0	69992.	17304.	52688.67	1.000	180.5	1587.8	1565.1	152.6	.9	7.4	.0096	.440	.440	5	30.3
1324	6.366	.005	3	0	70067.	17174.	52893.05	1.000	181.4	1587.8	1565.1	153.4	.9	7.4	.0096	.441	.441	5	30.3
1325	6.371	.005	3	0	70140.	17043.	53096.71	1.000	182.3	1587.8	1565.1	154.3	.9	7.4	.0096	.443	.443	5	30.3
1326	6.376	.005	3	0	70211.	16911.	53300.11	1.000	183.2	1587.7	1565.1	155.2	.9	7.4	.0096	.444	.444	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1327	6.381	.005	3	0	70282.	16778.	53503.92	1.000	184.1	1587.7	1565.1	156.1	.9	7.4	.0096	.447	.446	5	30.3
1328	6.386	.005	3	0	70352.	16645.	53707.42	1.000	185.0	1587.7	1565.1	157.0	.9	7.3	.0096	.448	.449	5	30.3
1329	6.391	.005	3	0	70421.	16510.	53910.18	1.000	185.9	1587.7	1565.1	157.9	.9	7.3	.0096	.450	.450	5	30.3

1330	6.396	.005	3	0	70488.	16375.	54112.62	1.000	186.8	1587.6	1565.1	158.8	.9	7.3	.0096	.451	.452	5	30.3
1331	6.401	.005	3	0	70554.	16239.	54314.73	1.000	187.7	1587.6	1565.1	159.7	.9	7.3	.0096	.453	.453	5	30.3
1332	6.406	.005	3	0	70617.	16101.	54516.04	1.000	188.6	1587.6	1565.1	160.6	.9	7.3	.0096	.454	.455	5	30.3
1333	6.411	.005	3	0	70680.	15963.	54717.00	1.000	189.5	1587.6	1565.1	161.5	.9	7.3	.0096	.456	.456	5	30.3
1334	6.416	.005	3	0	70743.	15824.	54918.29	1.000	190.4	1587.6	1565.1	162.4	.9	7.3	.0096	.459	.458	5	30.3
1335	6.421	.005	3	0	70803.	15684.	55118.75	1.000	191.4	1587.5	1565.1	163.4	.9	7.3	.0096	.460	.460	5	30.3
1336	6.426	.005	3	0	70862.	15543.	55318.82	1.000	192.3	1587.5	1565.1	164.3	.9	7.3	.0096	.462	.462	5	30.3
1337	6.431	.005	3	0	70920.	15401.	55518.49	1.000	193.2	1587.5	1565.1	165.2	.9	7.3	.0096	.463	.463	5	30.3
1338	6.436	.005	3	0	70977.	15259.	55717.75	1.000	194.1	1587.5	1565.1	166.1	.9	7.2	.0096	.465	.465	5	30.3
1339	6.441	.005	3	0	71031.	15115.	55916.12	1.000	195.1	1587.4	1565.1	167.1	.9	7.2	.0096	.466	.467	5	30.3
1340	6.446	.005	3	0	71088.	14973.	56114.05	1.000	196.0	1587.4	1565.1	168.0	.9	7.2	.0096	.468	.468	5	30.3
1341	6.451	.005	3	0	71155.	14843.	56311.53	1.000	196.9	1587.4	1565.1	169.0	.9	7.2	.0096	.469	.470	5	30.3
1342	6.456	.005	3	0	71221.	14712.	56508.55	1.000	197.9	1587.4	1565.1	169.9	.9	7.2	.0096	.471	.471	5	30.3
1343	6.461	.005	3	0	71286.	14580.	56705.33	1.000	198.8	1587.3	1565.1	170.8	.9	7.2	.0096	.474	.473	5	30.3
1344	6.466	.005	3	0	71349.	14447.	56901.64	1.000	199.8	1587.3	1565.1	171.8	1.0	7.2	.0096	.475	.474	5	30.3
1345	6.471	.005	3	0	71410.	14313.	57096.95	1.000	200.7	1587.3	1565.1	172.7	1.0	7.2	.0096	.477	.477	5	30.3
1346	6.476	.005	3	0	71471.	14179.	57291.76	1.000	201.7	1587.3	1565.1	173.7	1.0	7.2	.0096	.478	.478	5	30.3
1347	6.481	.005	3	0	71530.	14043.	57486.04	1.000	202.7	1587.2	1565.1	174.7	1.0	7.2	.0096	.480	.480	5	30.3
1348	6.486	.005	3	0	71586.	13907.	57679.30	1.000	203.6	1587.2	1565.1	175.6	1.0	7.2	.0096	.481	.481	5	30.3
1349	6.491	.005	3	0	71642.	13770.	57872.01	1.000	204.6	1587.2	1565.1	176.6	1.0	7.1	.0096	.483	.483	5	30.3
1350	6.496	.005	3	0	71696.	13632.	58064.16	1.000	205.5	1587.1	1565.1	177.6	1.0	7.1	.0096	.484	.484	5	30.3
1351	6.501	.005	3	0	71749.	13494.	58255.73	1.000	206.5	1587.1	1565.1	178.5	1.0	7.1	.0096	.486	.486	5	30.3
1352	6.506	.005	3	0	71800.	13354.	58446.22	1.000	207.5	1587.1	1565.1	179.5	1.0	7.1	.0096	.487	.488	5	30.3
1353	6.511	.005	3	0	71850.	13214.	58636.10	1.000	208.5	1587.1	1565.1	180.5	1.0	7.1	.0096	.489	.489	5	30.3
1354	6.516	.005	3	0	71897.	13072.	58824.87	1.000	209.5	1587.0	1565.1	181.5	1.0	7.1	.0096	.490	.491	5	30.3
1355	6.521	.005	3	0	71944.	12930.	59013.52	1.000	210.4	1587.0	1565.1	182.4	1.0	7.1	.0096	.492	.492	5	30.3
1356	6.526	.005	3	0	71989.	12788.	59201.02	1.000	211.4	1587.0	1565.1	183.4	1.0	7.1	.0096	.493	.494	5	30.3
1357	6.531	.005	3	0	72031.	12643.	59387.36	1.000	212.4	1587.0	1565.1	184.4	1.0	7.1	.0096	.495	.495	5	30.3
1358	6.536	.005	3	0	72073.	12499.	59573.54	1.000	213.4	1586.9	1565.1	185.4	1.0	7.0	.0096	.496	.497	5	30.3
1359	6.541	.005	3	0	72113.	12354.	59758.53	1.000	214.4	1586.9	1565.1	186.4	1.0	7.0	.0096	.498	.498	5	30.3
1360	6.546	.005	3	0	72152.	12208.	59943.35	1.000	215.4	1586.9	1565.1	187.4	1.0	7.0	.0096	.501	.500	5	30.3
1361	6.551	.005	3	0	72189.	12061.	60127.89	1.000	216.4	1586.8	1565.1	188.4	1.0	7.0	.0096	.502	.501	5	30.3
1362	6.556	.005	3	0	72225.	11914.	60310.99	1.000	217.4	1586.8	1565.1	189.4	1.0	7.0	.0096	.504	.503	5	30.3
1363	6.561	.005	3	0	72258.	11765.	60493.35	1.000	218.4	1586.8	1565.1	190.4	1.0	7.0	.0096	.505	.504	5	30.3
1364	6.566	.005	3	0	72291.	11616.	60674.97	1.000	219.4	1586.8	1565.1	191.4	1.0	7.0	.0096	.507	.506	5	30.3
1365	6.571	.005	3	0	72321.	11466.	60855.31	1.000	220.5	1586.7	1565.1	192.5	1.0	7.0	.0096	.508	.507	5	30.3
1366	6.576	.005	3	0	72351.	11315.	61035.41	1.000	221.5	1586.7	1565.1	193.5	1.0	7.0	.0096	.510	.509	5	30.3
1367	6.581	.005	3	0	72378.	11164.	61214.19	1.000	222.5	1586.7	1565.1	194.5	1.0	7.0	.0096	.511	.510	5	30.3
1368	6.586	.005	3	0	72403.	11011.	61392.18	1.000	223.5	1586.6	1565.1	195.5	1.0	7.0	.0096	.513	.512	5	30.3
1369	6.591	.005	3	0	72427.	10858.	61568.82	1.000	224.6	1586.6	1565.1	196.6	1.0	6.9	.0096	.514	.513	5	30.3
1370	6.596	.005	3	0	72449.	10704.	61745.18	1.000	225.6	1586.6	1565.1	197.6	1.0	6.9	.0096	.515	.515	5	30.3
1371	6.601	.005	3	0	72469.	10549.	61919.42	1.000	226.6	1586.5	1565.1	198.6	1.0	6.9	.0096	.516	.516	5	30.3
1372	6.606	.005	3	0	72487.	10394.	62092.82	1.000	227.6	1586.5	1565.1	199.7	1.0	6.9	.0096	.517	.518	5	30.3
1373	6.611	.005	3	0	72503.	10238.	62265.34	1.000	228.7	1586.5	1565.1	200.7	1.0	6.9	.0096	.519	.519	5	30.3
1374	6.616	.005	3	0	72518.	10081.	62436.99	1.000	229.7	1586.5	1565.1	201.7	1.0	6.9	.0096	.520	.521	5	30.3
1375	6.621	.005	3	0	72543.	9936.	62607.20	1.000	230.8	1586.4	1565.1	202.8	1.0	6.9	.0096	.522	.522	5	30.3
1376	6.626	.005	3	0	72580.	9803.	62776.50	1.000	231.8	1586.4	1565.1	203.8	1.0	6.9	.0096	.523	.524	5	30.3
1377	6.631	.005	3	0	72615.	9670.	62944.90	1.000	232.9	1586.4	1565.1	204.9	1.0	6.9	.0096	.525	.525	5	30.3
1378	6.636	.005	3	0	72648.	9536.	63111.80	1.000	233.9	1586.3	1565.1	205.9	1.1	6.8	.0096	.526	.526	5	30.3
1379	6.641	.005	3	0	72680.	9402.	63278.31	1.000	235.0	1586.3	1565.1	207.0	1.1	6.8	.0096	.528	.528	5	30.3
1380	6.646	.005	3	0	72710.	9266.	63443.49	1.000	236.0	1586.3	1565.1	208.0	1.1	6.8	.0096	.530	.529	5	30.3
1381	6.651	.005	3	0	72739.	9130.	63608.27	1.000	237.1	1586.2	1565.1	209.1	1.1	6.8	.0096	.532	.531	5	30.3
1382	6.656	.005	3	0	72764.	8994.	63770.75	1.000	238.2	1586.2	1565.1	210.2	1.1	6.8	.0096	.532	.532	5	30.3
1383	6.661	.005	3	0	72788.	8856.	63931.46	1.000	239.2	1586.2	1565.1	211.2	1.1	6.8	.0096	.532	.534	5	30.3
1384	6.666	.005	3	0	72810.	8718.	64091.91	1.000	240.3	1586.1	1565.1	212.3	1.1	6.8	.0096	.535	.534	5	30.3
1385	6.671	.005	3	0	72829.	8579.	64250.02	1.000	241.4	1586.1	1565.1	213.4	1.1	6.8	.0096	.535	.537	5	30.3
1386	6.676	.005	3	0	72848.	8440.	64407.83	1.000	242.4	1586.1	1565.1	214.5	1.1	6.8	.0096	.538	.537	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1387	6.681	.005	3	0	72864.	8300.	64563.83	1.000	243.5	1586.0	1565.1	215.5	1.1	6.7	.0096	.538	.537	5	30.3
1388	6.686	.005	3	0	72878.	8159.	64718.94	1.000	244.6	1586.0	1565.1	216.6	1.1	6.7	.0096	.541	.540	5	30.3
1389	6.691	.005	3	0	72890.	8017.	64872.21	1.000	245.7	1586.0	1565.1	217.7	1.1	6.7	.0096	.541	.540	5	30.3
1390	6.696	.005	3	0	72901.	7875.	65025.13	1.000	246.8	1585.9	1565.1	218.8	1.1	6.7	.0096	.543	.543	5	30.3
1391	6.701	.005	3	0	72909.	7733.	65176.18	1.000	247.9	1585.9	1565.1	219.9	1.1	6.7	.0096	.544	.543	5	30.3
1392	6.706	.005	3	0	72914.	7589.	65324.78	1.000	248.9	1585.9	1565.1	221.0	1.1	6.7	.0096	.544	.546	5	30.3
1393	6.711	.005	3	0	72918.	7445.	65472.98	1.000	250.0	1585.8	1565.1	222.0	1.1	6.7	.0096	.546	.546	5	30.3
1394	6.716	.005	3	0	72920.	7300.	65619.28	1.000	251.1	1585.8	1565.1	223.1	1.1	6.7	.0096	.546	.549	5	30.3
1395	6.721	.005	3	0	72920.	7155.	65765.17	1.000	252.2	1585.8	1565.1	224.2	1.1	6.7	.0096	.549	.549	5	30.3
1396	6.726	.005	3	0	72917.	7009.	65908.52	1.000	253.3	1585.7	1565.1	225.3	1.1	6.6	.0096	.549	.549	5	30.3
1397	6.731	.005	3	0	72915.	6863.	66052.03	1.000	254.4	1585.7	1565.1	226.4	1.1	6.6	.0096	.552	.552	5	30.3
1398	6.736	.005	3	0	72908.	6715.	66192.98	1.000	255.5	1585.7	1565.1	227.5	1.1	6.6	.0096	.552	.552	5	30.3
1399	6.741	.005	3	0	72899.	6567.	66331.98	1.000	256.6	1585.6	1565.1	228.6	1.1	6.6	.0096	.552	.554	5	30.3
1400	6.746	.005	3	0	72888.	6418.	66469.88	1.000	257.7	1585.6	1565.1	229.8	1.1	6.6	.0096	.555	.554	5	30.3
1401	6.751	.005	3	0	72876.	6270.	66606.39	1.000	258.9	1585.6	1565.1	230.9	1.1	6.6	.0096	.555	.554	5	30.3
1402	6.756	.005	3	0	72861.	6120.	66741.78	1.000	260.0	1585.5	1565.1	232.0	1.1	6.6	.0096	.558	.557	5	30.3
1403	6.761	.005	3	0	72844.	5969.	66875.15	1.000	261.1	1585.5	1565.1	233.1	1.1	6.6	.0096	.558	.557	5	30.3
1404	6.766	.005	3	0	72826.	5818.	67007.98	1.000	262.2	1585.5	1565.1	234.2	1.1	6.6	.0096	.560	.560	5	30.3
1405	6.771	.005	3	0	72805.	5667.	67138.75	1.000	263.3	1585.4	1565.1	235.3	1.1	6.5	.0096	.560	.560	5	30.3
1406	6.776	.005	3	0	72782.	5515.	67267.48	1.000	264.4	1585.4	1565.1	236.5	1.1	6.5	.0096	.560	.562	5	30.3
1407	6.781	.005	3	0	72756.	5361.	67395.00	1.000	265.6	1585.4	1565.1	237.6	1.1	6.5	.0096	.563	.562	5	30.3
1408	6.786	.005	3	0	72729.	5208.	67521.06	1.000	266.7	1585.3	1565.1	238.7	1.1	6.5	.0096	.563	.562	5	30.3
1409	6.791	.005	3	0	72700.	5054.	67645.89	1.000	267.8	1585.3	1565.1	239.8	1.1	6.5	.0096	.566	.565	5	30.3
1410	6.796	.005	3	0	72692.	4923.	67768.62	1.000	269.0	1585.3	1565.1	241.0	1.1	6.5	.0096	.565	.565	5	30.3
1411	6.801	.005	3	0	72694.	4804.	67889.22	1.000	270.1	1585.2	1565.1	242.1	1.1	6.5	.0096	.565	.565	5	30.3
1412	6.806	.005	3	0	72694.	4685.	68009.17	1.000	271.2	1585.2	1565.1	243.2	1.1	6.5	.0096	.568	.568	5	30.3
1413	6.811	.005	3	0	72692.	4565.	68126.36	1.000	272.4	1585.1	1565.1	244.4	1.1	6.5	.0096	.568	.568	5	30.3
1414	6.816	.005	3	0	72686.	4445.	68241.38	1.000	273.5	1585.1	1565.1	245.5	1.1	6.4	.0096	.568	.570	5	30.3
1415	6.821	.005	3	0	72679.	4324.	68355.07	1.000	274.6	1585.1	1565.1	246.7	1.1	6.4	.0096	.571	.570	5	30.3
1416	6.826	.005	3	0	72670.	4203.	68467.22	1.000	275.8	1585.0	1565.1	247.8	1.1	6.4	.0096	.571	.570	5	30.3
1417	6.831	.005	3	0	72659.	4081.	68578.01	1.000	276.9	1585.0	1565.1	248.9	1.1	6.4	.0096	.573	.573	5	30.3
1418	6.836	.005	3	0	72644.	3958.	68685.94	1.000	278.1	1585.0	1565.1	250.1	1.1	6.4	.0096	.573	.573	5	30.3
1419	6.841	.005	3	0	72628.	3835.	68792.30	1.000	279.2	1584.9	1565.1	251.2	1.1	6.4	.0096	.573	.572	5	30.3
1420	6.846	.005	3	0	72609.	3712.	68897.27	1.000	280.4	1584.9	1565.1	252.4	1.2	6.4	.0096	.576	.575	5	30.3
1421	6.851	.005	3	0	72588.	3588.	68999.97	1.000	281.5	1584.9	1565.1	253.5	1.2	6.4	.0096	.575	.575	5	30.3
1422	6.856	.005	3	0	72564.	3463.	69100.43	1.000	282.7	1584.8	1565.1	254.7	1.2	6.3	.0096	.575	.578	5	30.3
1423	6.861	.005	3	0	72538.	3338.	69199.42	1.000	283.8	1584.8	1565.1	255.8	1.2	6.3	.0096	.578	.577	5	30.3
1424	6.866	.005	3	0	72509.	3213.	69296.13	1.000	285.0	1584.7	1565.1	257.0	1.2	6.3	.0096	.578	.577	5	30.3
1425	6.871	.005	3	0	72477.	3087.	69390.55	1.000	286.1	1584.7	1565.1	258.1	1.2	6.3	.0096	.578	.580	5	30.3
1426	6.876	.005	3	0	72445.	2960.	69484.14	1.000	287.3	1584.7	1565.1	259.3	1.2	6.3	.0096	.580	.580	5	30.3
1427	6.881	.005	3	0	72408.	2833.	69574.74	1.000	288.5	1584.6	1565.1	260.5	1.2	6.3	.0096	.580	.580	5	30.3
1428	6.886	.005	3	0	72370.	2706.	69663.69	1.000	289.6	1584.6	1565.1	261.6	1.2	6.3	.0096	.580	.582	5	30.3
1429	6.891	.005	3	0	72329.	2578.	69751.09	1.000	290.8	1584.5	1565.1	262.8	1.2	6.3	.0096	.582	.582	5	30.3
1430	6.896	.005	3	0	72286.	2450.	69836.14	1.000	292.0	1584.5	1565.1	264.0	1.2	6.2	.0096	.582	.582	5	30.3
1431	6.901	.005	3	0	72240.	2321.	69918.83	1.000	293.1	1584.5	1565.1	265.1	1.2	6.2	.0096	.582	.584	5	30.3
1432	6.906	.005	3	0	72191.	2191.	69999.92	1.000	294.3	1584.4	1565.1	266.3	1.2	6.2	.0096	.585	.584	5	30.3
1433	6.911	.005	3	0	72141.	2062.	70079.33	1.000	295.5	1584.4	1565.1	267.5	1.2	6.2	.0096	.584	.584	5	30.3
1434	6.916	.005	3	0	72117.	1961.	70155.65	1.000	296.6	1584.3	1565.1	268.6	1.2	6.2	.0096	.584	.586	5	30.3
1435	6.921	.005	3	0	72118.	1887.	70231.02	1.000	297.8	1584.3	1565.1	269.8	1.2	6.2	.0096	.587	.586	5	30.3
1436	6.926	.005	3	0	72117.	1813.	70303.97	1.000	299.0	1584.3	1565.1	271.0	1.2	6.2	.0096	.586	.586	5	30.3
1437	6.931	.005	3	0	72112.	1738.	70373.84	1.000	300.1	1584.2	1565.1	272.1	1.2	6.2	.0096	.586	.588	5	30.3
1438	6.936	.005	3	0	72104.	1662.	70441.99	1.000	301.3	1584.2	1565.1	273.3	1.2	6.2	.0096	.589	.588	5	30.3
1439	6.941	.005	3	0	72095.	1587.	70507.72	1.000	302.5	1584.1	1565.1	274.5	1.2	6.1	.0096	.588	.588	5	30.3
1440	6.946	.005	3	0	72082.	1511.	70570.99	1.000	303.7	1584.1	1565.1	275.7	1.2	6.1	.0096	.588	.587	5	30.3
1441	6.951	.005	3	0	72067.	1435.	70632.53	1.000	304.8	1584.1	1565.1	276.9	1.2	6.1	.0096	.590	.590	5	30.3
1442	6.956	.005	3	0	72049.	1358.	70690.90	1.000	306.0	1584.0	1565.1	278.0	1.2	6.1	.0096	.590	.590	5	30.3
1443	6.961	.005	3	0	72029.	1282.	70747.48	1.000	307.2	1584.0	1565.1	279.2	1.2	6.1	.0096	.590	.589	5	30.3
1444	6.966	.005	3	0	72004.	1204.	70800.17	1.000	308.4	1583.9	1565.1	280.4	1.2	6.1	.0096	.589	.592	5	30.3

1445	6.971	.005	3	0	71979.	1127.	70852.47	1.000	309.6	1583.9	1565.1	281.6	1.2	6.1	.0096	.592	.591	5	30.3
1446	6.976	.005	3	0	71950.	1049.	70900.84	1.000	310.8	1583.9	1565.1	282.8	1.2	6.1	.0096	.592	.591	5	30.3

I	T	DTH	KG	KC	QTOT	QTS	GB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1447	6.981	.005	3	0	71918.	971.	70947.40	1.000	311.9	1583.8	1565.1	283.9	1.2	6.0	.0096	.591	.591	5	30.3
1448	6.986	.005	3	0	71883.	892.	70990.72	1.000	313.1	1583.8	1565.1	285.1	1.2	6.0	.0096	.591	.593	5	30.3
1449	6.991	.005	3	0	71846.	813.	71032.19	1.000	314.3	1583.7	1565.1	286.3	1.2	6.0	.0096	.593	.593	5	30.3
1450	6.996	.005	3	0	71806.	734.	71071.82	1.000	315.5	1583.7	1565.1	287.5	1.2	6.0	.0096	.593	.592	5	30.3
1451	7.001	.005	3	0	71763.	655.	71108.18	1.000	316.7	1583.7	1565.1	288.7	1.2	6.0	.0096	.592	.592	5	30.3
1452	7.006	.005	3	0	71716.	575.	71141.26	1.000	317.9	1583.6	1565.1	289.9	1.2	6.0	.0096	.592	.594	5	30.3
1453	7.011	.005	3	0	71668.	495.	71173.16	1.000	319.0	1583.6	1565.1	291.1	1.2	6.0	.0096	.594	.594	5	30.3
1454	7.016	.005	3	0	71617.	415.	71202.45	1.000	320.2	1583.5	1565.1	292.2	1.2	5.9	.0096	.594	.594	5	30.3
1455	7.021	.005	3	0	71563.	334.	71229.16	1.000	321.4	1583.5	1565.1	293.4	1.2	5.9	.0096	.594	.593	5	30.3
1456	7.026	.005	3	0	71506.	253.	71252.55	1.000	322.6	1583.4	1565.1	294.6	1.2	5.9	.0096	.593	.596	5	30.3
1457	7.031	.005	3	0	71447.	172.	71274.70	1.000	323.8	1583.4	1565.1	295.8	1.2	5.9	.0096	.596	.595	5	30.3
1458	7.036	.005	3	0	71384.	90.	71293.52	1.000	325.0	1583.3	1565.1	297.0	1.2	5.9	.0096	.595	.595	5	30.3
1459	7.041	.005	3	0	71310.	0.	71310.42	1.000	326.2	1583.3	1565.1	298.2	1.2	5.9	.0096	.595	.594	5	30.3
1460	7.046	.005	3	0	71324.	0.	71323.99	1.000	327.4	1583.3	1565.1	299.4	1.2	5.9	.0096	.594	.594	5	30.3
1461	7.051	.005	3	0	71336.	0.	71335.54	1.000	328.6	1583.2	1565.1	300.6	1.2	5.9	.0096	.596	.596	5	30.3
1462	7.056	.005	3	0	71344.	0.	71343.70	1.000	329.8	1583.2	1565.1	301.8	1.2	5.8	.0096	.596	.595	5	30.3
1463	7.061	.005	3	0	71349.	0.	71349.22	1.000	330.9	1583.1	1565.1	303.0	1.2	5.8	.0096	.595	.595	5	30.3
1464	7.066	.005	3	0	71351.	0.	71350.61	1.000	332.1	1583.1	1565.1	304.1	1.2	5.8	.0096	.595	.594	5	30.3
1465	7.071	.005	3	0	71349.	0.	71349.34	1.000	333.3	1583.0	1565.1	305.3	1.2	5.8	.0096	.594	.594	5	30.3
1466	7.076	.005	3	0	71345.	0.	71344.66	1.000	334.5	1583.0	1565.1	306.5	1.2	5.8	.0096	.594	.596	5	30.3
1467	7.081	.005	3	0	71339.	0.	71338.59	1.000	335.7	1582.9	1565.1	307.7	1.2	5.8	.0096	.596	.596	5	30.3
1468	7.086	.005	3	0	71328.	0.	71328.38	1.000	336.9	1582.9	1565.1	308.9	1.2	5.8	.0096	.595	.595	5	30.3
1469	7.091	.005	3	0	71315.	0.	71315.46	1.000	338.1	1582.9	1565.1	310.1	1.2	5.7	.0096	.595	.594	5	30.3
1470	7.096	.005	3	0	71298.	0.	71298.34	1.000	339.3	1582.8	1565.1	311.3	1.2	5.7	.0096	.594	.594	5	30.3
1471	7.101	.005	3	0	71279.	0.	71279.27	1.000	340.5	1582.8	1565.1	312.5	1.2	5.7	.0096	.594	.593	5	30.3
1472	7.106	.005	3	0	71256.	0.	71255.99	1.000	341.6	1582.7	1565.1	313.7	1.2	5.7	.0096	.593	.595	5	30.3
1473	7.111	.005	3	0	71232.	0.	71232.03	1.000	342.8	1582.7	1565.1	314.8	1.2	5.7	.0096	.595	.595	5	30.3

KSLUMP= 2 HCK= 20.08 DELT= .03 DEL= 15.13

1474	7.116	.005	3	0	71242.	0.	71242.45	1.000	347.9	1582.6	1565.1	314.8	.0	5.7	.0096	.000	.000	0	34.5
1475	7.121	.005	3	0	71111.	0.	71111.37	1.000	350.7	1582.6	1565.1	314.8	.0	5.7	.0096	.000	.000	0	36.7
1476	7.126	.005	3	0	70987.	0.	70987.04	1.000	353.6	1582.5	1565.1	314.8	.0	5.7	.0096	.000	.000	0	38.9
1477	7.131	.005	3	0	70871.	0.	70871.39	1.000	356.8	1582.5	1565.1	314.8	.0	5.7	.0096	.000	.000	0	41.1
1478	7.136	.005	3	0	70766.	0.	70765.79	1.000	359.9	1582.4	1565.1	314.8	.0	5.7	.0096	.000	.000	0	43.2
1479	7.141	.005	3	0	70671.	0.	70671.10	1.000	363.5	1582.4	1565.1	314.8	.0	5.6	.0096	.000	.000	0	45.4
1480	7.146	.005	3	0	70374.	0.	70374.07	1.000	363.5	1582.3	1565.1	314.8	.0	5.6	.0096	.000	.000	0	45.4
1481	7.151	.005	3	0	70282.	0.	70282.07	1.000	364.4	1582.3	1565.1	315.8	1.0	5.6	.0096	.476	.476	5	45.4
1482	7.156	.005	3	0	70188.	0.	70188.48	1.000	365.4	1582.2	1565.1	316.7	1.0	5.6	.0096	.475	.475	5	45.4
1483	7.161	.005	3	0	70093.	0.	70092.54	1.000	366.3	1582.2	1565.1	317.7	.9	5.6	.0096	.474	.475	5	45.4
1484	7.166	.005	3	0	69996.	0.	69995.97	1.000	367.3	1582.2	1565.1	318.6	1.0	5.6	.0096	.476	.475	5	45.4
1485	7.171	.005	3	0	69898.	0.	69897.82	1.000	368.2	1582.1	1565.1	319.6	.9	5.5	.0096	.475	.475	5	45.4
1486	7.176	.005	3	0	69797.	0.	69797.33	1.000	369.2	1582.1	1565.1	320.5	.9	5.5	.0096	.474	.474	5	45.4
1487	7.181	.005	3	0	69694.	0.	69694.48	1.000	370.1	1582.0	1565.1	321.5	.9	5.5	.0096	.473	.473	5	45.4
1488	7.186	.005	3	0	69590.	0.	69590.04	1.000	371.1	1582.0	1565.1	322.4	.9	5.5	.0096	.472	.472	5	45.4
1489	7.191	.005	3	0	69484.	0.	69484.05	1.000	372.0	1581.9	1565.1	323.4	.9	5.5	.0096	.471	.471	5	45.4
1490	7.196	.005	3	0	69376.	0.	69375.73	1.000	373.0	1581.9	1565.1	324.3	.9	5.5	.0096	.470	.470	5	45.4
1491	7.201	.005	3	0	69266.	0.	69265.84	1.000	373.9	1581.8	1565.1	325.3	.9	5.5	.0096	.469	.469	5	45.4
1492	7.206	.005	3	0	69154.	0.	69153.63	1.000	374.8	1581.8	1565.1	326.2	.9	5.4	.0096	.468	.468	5	45.4
1493	7.211	.005	3	0	69040.	0.	69039.89	1.000	375.8	1581.7	1565.1	327.1	.9	5.4	.0096	.468	.467	5	45.4
1494	7.216	.005	3	0	68924.	0.	68923.84	1.000	376.7	1581.7	1565.1	328.1	.9	5.4	.0096	.467	.468	5	45.4
1495	7.221	.005	3	0	68806.	0.	68806.26	1.000	377.6	1581.6	1565.1	329.0	.9	5.4	.0096	.466	.468	5	45.4
1496	7.226	.005	3	0	68688.	0.	68688.06	1.000	378.6	1581.6	1565.1	329.9	.9	5.4	.0096	.467	.467	5	45.4

1497	7.231	.005	3	0	68568.	0.	68567.56	1.000	379.5	1581.5	1565.1	330.9	.9	5.4	.0096	.466	.466	5	45.4
1498	7.236	.005	3	0	68446.	0.	68445.54	1.000	380.4	1581.5	1565.1	331.8	.9	5.4	.0096	.465	.465	5	45.4
1499	7.241	.005	3	0	68322.	0.	68322.02	1.000	381.4	1581.4	1565.1	332.7	.9	5.3	.0096	.464	.464	5	45.4
1500	7.246	.005	3	0	68196.	0.	68196.22	1.000	382.3	1581.4	1565.1	333.6	.9	5.3	.0096	.463	.463	5	45.4
1501	7.251	.005	3	0	68069.	0.	68068.91	1.000	383.2	1581.3	1565.1	334.6	.9	5.3	.0096	.462	.462	5	45.4
1502	7.256	.005	3	0	67940.	0.	67940.13	1.000	384.1	1581.3	1565.1	335.5	.9	5.3	.0096	.461	.461	5	45.4
1503	7.261	.005	3	0	67809.	0.	67809.08	1.000	385.0	1581.2	1565.1	336.4	.9	5.3	.0096	.460	.460	5	45.4
1504	7.266	.005	3	0	67677.	0.	67677.34	1.000	386.0	1581.2	1565.1	337.3	.9	5.3	.0096	.459	.459	5	45.4
1505	7.271	.005	3	0	67543.	0.	67542.54	1.000	386.9	1581.1	1565.1	338.2	.9	5.2	.0096	.458	.458	5	45.4
1506	7.276	.005	3	0	67407.	0.	67407.09	1.000	387.8	1581.1	1565.1	339.2	.9	5.2	.0096	.457	.457	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1507	7.281	.005	3	0	67269.	0.	67269.39	1.000	388.7	1581.1	1565.1	340.1	.9	5.2	.0096	.456	.456	5	45.4
1508	7.286	.005	3	0	67131.	0.	67131.04	1.000	389.6	1581.0	1565.1	341.0	.9	5.2	.0096	.455	.455	5	45.4
1509	7.291	.005	3	0	66990.	0.	66989.68	1.000	390.5	1581.0	1565.1	341.9	.9	5.2	.0096	.454	.454	5	45.4
1510	7.296	.005	3	0	66848.	0.	66847.67	1.000	391.4	1580.9	1565.1	342.8	.9	5.2	.0096	.453	.453	5	45.4
1511	7.301	.005	3	0	66704.	0.	66704.25	1.000	392.3	1580.9	1565.1	343.7	.9	5.2	.0096	.452	.452	5	45.4
1512	7.306	.005	3	0	66559.	0.	66558.63	1.000	393.2	1580.8	1565.1	344.6	.9	5.1	.0096	.451	.451	5	45.4
1513	7.311	.005	3	0	66412.	0.	66411.60	1.000	394.1	1580.8	1565.1	345.5	.9	5.1	.0096	.450	.450	5	45.4
1514	7.316	.005	3	0	66263.	0.	66263.18	1.000	395.0	1580.7	1565.1	346.4	.9	5.1	.0096	.449	.449	5	45.4
1515	7.321	.005	3	0	66113.	0.	66113.35	1.000	395.9	1580.7	1565.1	347.3	.9	5.1	.0096	.448	.448	5	45.4
1516	7.326	.005	3	0	65961.	0.	65961.38	1.000	396.8	1580.6	1565.1	348.2	.9	5.1	.0096	.447	.447	5	45.4
1517	7.331	.005	3	0	65809.	0.	65808.82	1.000	397.7	1580.6	1565.1	349.1	.9	5.1	.0096	.446	.446	5	45.4
1518	7.336	.005	3	0	65654.	0.	65654.10	1.000	398.6	1580.5	1565.1	350.0	.9	5.1	.0096	.445	.444	5	45.4
1519	7.341	.005	3	0	65499.	0.	65498.84	1.000	399.5	1580.5	1565.1	350.9	.9	5.0	.0096	.444	.443	5	45.4
1520	7.346	.005	3	0	65341.	0.	65341.42	1.000	400.4	1580.4	1565.1	351.7	.9	5.0	.0096	.443	.442	5	45.4
1521	7.351	.005	3	0	65183.	0.	65182.67	1.000	401.3	1580.4	1565.1	352.6	.9	5.0	.0096	.442	.441	5	45.4
1522	7.356	.005	3	0	65023.	0.	65022.58	1.000	402.1	1580.3	1565.1	353.5	.9	5.0	.0096	.441	.440	5	45.4
1523	7.361	.005	3	0	64861.	0.	64861.18	1.000	403.0	1580.3	1565.1	354.4	.9	5.0	.0096	.440	.439	5	45.4
1524	7.366	.005	3	0	64698.	0.	64698.46	1.000	403.9	1580.2	1565.1	355.3	.9	5.0	.0096	.439	.438	5	45.4
1525	7.371	.005	3	0	64534.	0.	64534.44	1.000	404.8	1580.2	1565.1	356.1	.9	4.9	.0096	.437	.437	5	45.4
1526	7.376	.005	3	0	64369.	0.	64369.12	1.000	405.6	1580.1	1565.1	357.0	.9	4.9	.0096	.436	.436	5	45.4
1527	7.381	.005	3	0	64203.	0.	64202.52	1.000	406.5	1580.1	1565.1	357.9	.9	4.9	.0096	.435	.435	5	45.4
1528	7.386	.005	3	0	64034.	0.	64033.83	1.000	407.4	1580.0	1565.1	358.8	.9	4.9	.0096	.434	.434	5	45.4
1529	7.391	.005	3	0	63865.	0.	63864.68	1.000	408.3	1580.0	1565.1	359.6	.9	4.9	.0096	.433	.433	5	45.4
1530	7.396	.005	3	0	63694.	0.	63694.27	1.000	409.1	1579.9	1565.1	360.5	.9	4.9	.0096	.432	.432	5	45.4
1531	7.401	.005	3	0	63523.	0.	63522.61	1.000	410.0	1579.9	1565.1	361.3	.9	4.9	.0096	.431	.431	5	45.4
1532	7.406	.005	3	0	63350.	0.	63349.70	1.000	410.8	1579.8	1565.1	362.2	.9	4.8	.0096	.430	.430	5	45.4
1533	7.411	.005	3	0	63175.	0.	63175.56	1.000	411.7	1579.8	1565.1	363.1	.9	4.8	.0096	.429	.429	5	45.4
1534	7.416	.005	3	0	63000.	0.	63000.19	1.000	412.6	1579.7	1565.1	363.9	.9	4.8	.0096	.428	.427	5	45.4
1535	7.421	.005	3	0	62824.	0.	62824.42	1.000	413.4	1579.7	1565.1	364.8	.9	4.8	.0096	.427	.426	5	45.4
1536	7.426	.005	3	0	62647.	0.	62646.63	1.000	414.3	1579.6	1565.1	365.6	.9	4.8	.0096	.426	.425	5	45.4
1537	7.431	.005	3	0	62468.	0.	62467.64	1.000	415.1	1579.6	1565.1	366.5	.8	4.8	.0096	.425	.424	5	45.4
1538	7.436	.005	3	0	62288.	0.	62288.28	1.000	416.0	1579.5	1565.1	367.3	.8	4.8	.0096	.423	.423	5	45.4
1539	7.441	.005	3	0	62107.	0.	62107.07	1.000	416.8	1579.5	1565.1	368.2	.8	4.7	.0096	.420	.422	5	45.4
1540	7.446	.005	3	0	61925.	0.	61924.68	1.000	417.6	1579.4	1565.1	369.0	.8	4.7	.0096	.419	.421	5	45.4
1541	7.451	.005	3	0	61741.	0.	61741.14	1.000	418.5	1579.4	1565.1	369.8	.8	4.7	.0096	.418	.418	5	45.4
1542	7.456	.005	3	0	61556.	0.	61556.46	1.000	419.3	1579.4	1565.1	370.7	.8	4.7	.0096	.417	.417	5	45.4
1543	7.461	.005	3	0	61371.	0.	61370.64	1.000	420.1	1579.3	1565.1	371.5	.8	4.7	.0096	.416	.416	5	45.4
1544	7.466	.005	3	0	61185.	0.	61184.52	1.000	421.0	1579.3	1565.1	372.3	.8	4.7	.0096	.415	.414	5	45.4
1545	7.471	.005	3	0	60996.	0.	60996.45	1.000	421.8	1579.2	1565.1	373.2	.8	4.7	.0096	.414	.413	5	45.4
1546	7.476	.005	3	0	60808.	0.	60808.09	1.000	422.6	1579.2	1565.1	374.0	.8	4.6	.0096	.413	.412	5	45.4
1547	7.481	.005	3	0	60619.	0.	60619.44	1.000	423.4	1579.1	1565.1	374.8	.8	4.6	.0096	.411	.411	5	45.4
1548	7.486	.005	3	0	60429.	0.	60428.89	1.000	424.3	1579.1	1565.1	375.6	.8	4.6	.0096	.410	.410	5	45.4
1549	7.491	.005	3	0	60238.	0.	60238.07	1.000	425.1	1579.0	1565.1	376.4	.8	4.6	.0096	.409	.409	5	45.4
1550	7.496	.005	3	0	60046.	0.	60046.19	1.000	425.9	1579.0	1565.1	377.3	.8	4.6	.0096	.408	.408	5	45.4
1551	7.501	.005	3	0	59853.	0.	59852.63	1.000	426.7	1578.9	1565.1	378.1	.8	4.6	.0096	.405	.407	5	45.4

1552	7.506	.005	3	0	59658.	0.	59658.02	1.000	427.5	1578.9	1565.1	378.9	.8	4.5	.0096	.404	.404	5	45.4
1553	7.511	.005	3	0	59463.	0.	59463.19	1.000	428.3	1578.8	1565.1	379.7	.8	4.5	.0096	.403	.402	5	45.4
1554	7.516	.005	3	0	59267.	0.	59267.34	1.000	429.1	1578.8	1565.1	380.5	.8	4.5	.0096	.402	.401	5	45.4
1555	7.521	.005	3	0	59071.	0.	59071.26	1.000	429.9	1578.7	1565.1	381.3	.8	4.5	.0096	.401	.400	5	45.4
1556	7.526	.005	3	0	58874.	0.	58874.19	1.000	430.7	1578.7	1565.1	382.1	.8	4.5	.0096	.399	.399	5	45.4
1557	7.531	.005	3	0	58676.	0.	58676.11	1.000	431.5	1578.6	1565.1	382.9	.8	4.5	.0096	.398	.398	5	45.4
1558	7.536	.005	3	0	58478.	0.	58477.85	1.000	432.3	1578.6	1565.1	383.7	.8	4.5	.0096	.397	.397	5	45.4
1559	7.541	.005	3	0	58278.	0.	58277.81	1.000	433.1	1578.5	1565.1	384.5	.8	4.5	.0096	.396	.396	5	45.4
1560	7.546	.005	3	0	58078.	0.	58077.84	1.000	433.9	1578.5	1565.1	385.3	.8	4.4	.0096	.393	.395	5	45.4
1561	7.551	.005	3	0	57876.	0.	57876.11	1.000	434.7	1578.4	1565.1	386.0	.8	4.4	.0096	.392	.392	5	45.4
1562	7.556	.005	3	0	57675.	0.	57675.05	1.000	435.5	1578.4	1565.1	386.8	.8	4.4	.0096	.391	.390	5	45.4
1563	7.561	.005	3	0	57472.	0.	57472.25	1.000	436.2	1578.3	1565.1	387.6	.8	4.4	.0096	.390	.389	5	45.4
1564	7.566	.005	3	0	57269.	0.	57269.34	1.000	437.0	1578.3	1565.1	388.4	.8	4.4	.0096	.389	.388	5	45.4
1565	7.571	.005	3	0	57066.	0.	57066.31	1.000	437.8	1578.2	1565.1	389.2	.8	4.4	.0096	.387	.387	5	45.4
1566	7.576	.005	3	0	56862.	0.	56861.56	1.000	438.6	1578.2	1565.1	389.9	.8	4.3	.0096	.386	.386	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1567	7.581	.005	3	0	56657.	0.	56657.00	1.000	439.3	1578.2	1565.1	390.7	.8	4.3	.0096	.383	.385	5	45.4
1568	7.586	.005	3	0	56452.	0.	56451.55	1.000	440.1	1578.1	1565.1	391.5	.8	4.3	.0096	.382	.384	5	45.4
1569	7.591	.005	3	0	56245.	0.	56245.23	1.000	440.8	1578.1	1565.1	392.2	.8	4.3	.0096	.381	.381	5	45.4
1570	7.596	.005	3	0	56039.	0.	56038.85	1.000	441.6	1578.0	1565.1	393.0	.8	4.3	.0096	.380	.380	5	45.4
1571	7.601	.005	3	0	55832.	0.	55831.62	1.000	442.4	1578.0	1565.1	393.7	.8	4.3	.0096	.379	.378	5	45.4
1572	7.606	.005	3	0	55624.	0.	55624.34	1.000	443.1	1577.9	1565.1	394.5	.8	4.3	.0096	.378	.377	5	45.4
1573	7.611	.005	3	0	55417.	0.	55417.03	1.000	443.9	1577.9	1565.1	395.2	.8	4.2	.0096	.377	.376	5	45.4
1574	7.616	.005	3	0	55208.	0.	55208.39	1.000	444.6	1577.8	1565.1	396.0	.7	4.2	.0096	.374	.375	5	45.4
1575	7.621	.005	3	0	55000.	0.	54999.75	1.000	445.4	1577.8	1565.1	396.7	.7	4.2	.0096	.372	.372	5	45.4
1576	7.626	.005	3	0	54790.	0.	54790.30	1.000	446.1	1577.7	1565.1	397.5	.7	4.2	.0096	.371	.371	5	45.4
1577	7.631	.005	3	0	54581.	0.	54580.86	1.000	446.8	1577.7	1565.1	398.2	.7	4.2	.0096	.370	.370	5	45.4
1578	7.636	.005	3	0	54371.	0.	54371.43	1.000	447.6	1577.6	1565.1	399.0	.7	4.2	.0096	.369	.369	5	45.4
1579	7.641	.005	3	0	54161.	0.	54161.23	1.000	448.3	1577.6	1565.1	399.7	.7	4.2	.0096	.368	.368	5	45.4
1580	7.646	.005	3	0	53951.	0.	53950.59	1.000	449.1	1577.5	1565.1	400.4	.7	4.1	.0096	.365	.367	5	45.4
1581	7.651	.005	3	0	53740.	0.	53740.01	1.000	449.8	1577.5	1565.1	401.1	.7	4.1	.0096	.364	.364	5	45.4
1582	7.656	.005	3	0	53529.	0.	53528.67	1.000	450.5	1577.4	1565.1	401.9	.7	4.1	.0096	.363	.362	5	45.4
1583	7.661	.005	3	0	53318.	0.	53318.21	1.000	451.2	1577.4	1565.1	402.6	.7	4.1	.0096	.362	.361	5	45.4
1584	7.666	.005	3	0	53106.	0.	53106.21	1.000	452.0	1577.4	1565.1	403.3	.7	4.1	.0096	.361	.360	5	45.4
1585	7.671	.005	3	0	52895.	0.	52895.10	1.000	452.7	1577.3	1565.1	404.0	.7	4.1	.0096	.359	.359	5	45.4
1586	7.676	.005	3	0	52683.	0.	52682.84	1.000	453.4	1577.3	1565.1	404.8	.7	4.1	.0096	.357	.358	5	45.4
1587	7.681	.005	3	0	52471.	0.	52471.47	1.000	454.1	1577.2	1565.1	405.5	.7	4.0	.0096	.355	.355	5	45.4
1588	7.686	.005	3	0	52259.	0.	52258.62	1.000	454.8	1577.2	1565.1	406.2	.7	4.0	.0096	.354	.354	5	45.4
1589	7.691	.005	3	0	52047.	0.	52046.69	1.000	455.5	1577.1	1565.1	406.9	.7	4.0	.0096	.353	.353	5	45.4
1590	7.696	.005	3	0	51835.	0.	51834.90	1.000	456.2	1577.1	1565.1	407.6	.7	4.0	.0096	.352	.352	5	45.4
1591	7.701	.005	3	0	51622.	0.	51622.01	1.000	456.9	1577.0	1565.1	408.3	.7	4.0	.0096	.349	.351	5	45.4
1592	7.706	.005	3	0	51409.	0.	51408.74	1.000	457.6	1577.0	1565.1	409.0	.7	4.0	.0096	.349	.349	0	45.4
1593	7.711	.005	3	0	51196.	0.	51196.09	1.000	458.3	1576.9	1565.1	409.7	.7	4.0	.0096	.347	.346	5	45.4
1594	7.716	.005	3	0	50983.	0.	50982.81	1.000	459.0	1576.9	1565.1	410.4	.7	3.9	.0096	.346	.345	5	45.4
1595	7.721	.005	3	0	50771.	0.	50770.50	1.000	459.7	1576.9	1565.1	411.1	.7	3.9	.0096	.345	.344	5	45.4
1596	7.726	.005	3	0	50558.	0.	50557.57	1.000	460.4	1576.8	1565.1	411.7	.7	3.9	.0096	.343	.343	5	45.4
1597	7.731	.005	3	0	50344.	0.	50344.43	1.000	461.1	1576.8	1565.1	412.4	.7	3.9	.0096	.341	.342	5	45.4
1598	7.736	.005	3	0	50132.	0.	50131.76	1.000	461.7	1576.7	1565.1	413.1	.7	3.9	.0096	.341	.341	0	45.4
1599	7.741	.005	3	0	49918.	0.	49918.17	1.000	462.4	1576.7	1565.1	413.8	.7	3.9	.0096	.339	.338	5	45.4
1600	7.746	.005	3	0	49706.	0.	49705.60	1.000	463.1	1576.6	1565.1	414.5	.7	3.9	.0096	.337	.337	5	45.4
1601	7.751	.005	3	0	49493.	0.	49493.24	1.000	463.8	1576.6	1565.1	415.1	.7	3.9	.0096	.336	.336	5	45.4
1602	7.756	.005	3	0	49281.	0.	49281.13	1.000	464.4	1576.5	1565.1	415.8	.7	3.8	.0096	.335	.335	5	45.4
1603	7.761	.005	3	0	49068.	0.	49068.08	1.000	465.1	1576.5	1565.1	416.5	.7	3.8	.0096	.332	.332	5	45.4
1604	7.766	.005	3	0	48856.	0.	48856.08	1.000	465.8	1576.5	1565.1	417.1	.7	3.8	.0096	.331	.331	5	45.4
1605	7.771	.005	3	0	48644.	0.	48643.54	1.000	466.4	1576.4	1565.1	417.8	.7	3.8	.0096	.330	.330	5	45.4
1606	7.776	.005	3	0	48432.	0.	48432.06	1.000	467.1	1576.4	1565.1	418.4	.7	3.8	.0096	.329	.329	5	45.4

1607	7.781	.005	3	0	48220.	0.	48219.69	1.000	467.7	1576.3	1565.1	419.1	.7	3.8	.0096	.325	.327	5	45.4
1608	7.786	.005	3	0	48008.	0.	48007.86	1.000	468.4	1576.3	1565.1	419.7	.7	3.8	.0096	.326	.326	0	45.4
1609	7.791	.005	3	0	47795.	0.	47795.21	1.000	469.0	1576.2	1565.1	420.4	.6	3.7	.0096	.324	.323	5	45.4
1610	7.796	.005	3	0	47584.	0.	47584.46	1.000	469.7	1576.2	1565.1	421.0	.6	3.7	.0096	.323	.322	5	45.4
1611	7.801	.005	3	0	47373.	0.	47373.21	1.000	470.3	1576.1	1565.1	421.7	.6	3.7	.0096	.322	.321	5	45.4
1612	7.806	.005	3	0	47162.	0.	47162.27	1.000	471.0	1576.1	1565.1	422.3	.6	3.7	.0096	.320	.320	5	45.4
1613	7.811	.005	3	0	46952.	0.	46952.11	1.000	471.6	1576.1	1565.1	423.0	.6	3.7	.0096	.318	.318	5	45.4
1614	7.816	.005	3	0	46741.	0.	46741.49	1.000	472.2	1576.0	1565.1	423.6	.6	3.7	.0096	.317	.316	5	45.4
1615	7.821	.005	3	0	46531.	0.	46531.20	1.000	472.9	1576.0	1565.1	424.2	.6	3.7	.0096	.316	.315	5	45.4
1616	7.826	.005	3	0	46322.	0.	46322.04	1.000	473.5	1575.9	1565.1	424.8	.6	3.7	.0096	.315	.314	5	45.4
1617	7.831	.005	3	0	46112.	0.	46112.11	1.000	474.1	1575.9	1565.1	425.5	.6	3.6	.0096	.312	.313	5	45.4
1618	7.836	.005	3	0	45903.	0.	45902.53	1.000	474.7	1575.8	1565.1	426.1	.6	3.6	.0096	.311	.311	5	45.4
1619	7.841	.005	3	0	45694.	0.	45694.11	1.000	475.3	1575.8	1565.1	426.7	.6	3.6	.0096	.310	.310	5	45.4
1620	7.846	.005	3	0	45486.	0.	45486.06	1.000	476.0	1575.8	1565.1	427.3	.6	3.6	.0096	.309	.309	5	45.4
1621	7.851	.005	3	0	45277.	0.	45277.29	1.000	476.6	1575.7	1565.1	427.9	.6	3.6	.0096	.306	.307	5	45.4
1622	7.856	.005	3	0	45070.	0.	45069.68	1.000	477.2	1575.7	1565.1	428.6	.6	3.6	.0096	.305	.305	5	45.4
1623	7.861	.005	3	0	44862.	0.	44862.47	1.000	477.8	1575.6	1565.1	429.2	.6	3.6	.0096	.304	.304	5	45.4
1624	7.866	.005	3	0	44655.	0.	44655.66	1.000	478.4	1575.6	1565.1	429.8	.6	3.5	.0096	.303	.303	5	45.4
1625	7.871	.005	3	0	44449.	0.	44449.25	1.000	479.0	1575.6	1565.1	430.4	.6	3.5	.0096	.302	.302	5	45.4
1626	7.876	.005	3	0	44243.	0.	44242.95	1.000	479.6	1575.5	1565.1	431.0	.6	3.5	.0096	.299	.299	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1627	7.881	.005	3	0	44037.	0.	44037.06	1.000	480.2	1575.5	1565.1	431.6	.6	3.5	.0096	.298	.298	5	45.4
1628	7.886	.005	3	0	43832.	0.	43832.38	1.000	480.8	1575.4	1565.1	432.2	.6	3.5	.0096	.297	.297	5	45.4
1629	7.891	.005	3	0	43627.	0.	43627.34	1.000	481.4	1575.4	1565.1	432.8	.6	3.5	.0096	.296	.296	5	45.4
1630	7.896	.005	3	0	43423.	0.	43423.23	1.000	482.0	1575.3	1565.1	433.3	.6	3.5	.0096	.294	.295	5	45.4
1631	7.901	.005	3	0	43220.	0.	43219.57	1.000	482.6	1575.3	1565.1	433.9	.6	3.5	.0096	.293	.293	5	45.4
1632	7.906	.005	3	0	43016.	0.	43016.34	1.000	483.1	1575.3	1565.1	434.5	.6	3.4	.0096	.292	.292	5	45.4
1633	7.911	.005	3	0	42814.	0.	42813.57	1.000	483.7	1575.2	1565.1	435.1	.6	3.4	.0096	.291	.290	5	45.4
1634	7.916	.005	3	0	42612.	0.	42611.76	1.000	484.3	1575.2	1565.1	435.7	.6	3.4	.0096	.288	.289	5	45.4
1635	7.921	.005	3	0	42410.	0.	42409.77	1.000	484.9	1575.1	1565.1	436.2	.6	3.4	.0096	.288	.288	5	45.4
1636	7.926	.005	3	0	42209.	0.	42208.66	1.000	485.4	1575.1	1565.1	436.8	.6	3.4	.0096	.285	.286	5	45.4
1637	7.931	.005	3	0	42008.	0.	42008.06	1.000	486.0	1575.1	1565.1	437.4	.6	3.4	.0096	.286	.284	5	45.4
1638	7.936	.005	3	0	41807.	0.	41807.32	1.000	486.6	1575.0	1565.1	438.0	.6	3.4	.0096	.283	.284	5	45.4
1639	7.941	.005	3	0	41606.	0.	41606.29	1.000	487.1	1575.0	1565.1	438.5	.6	3.3	.0096	.281	.281	5	45.4
1640	7.946	.005	3	0	41406.	0.	41406.15	1.000	487.7	1574.9	1565.1	439.1	.6	3.3	.0096	.281	.282	5	45.4
1641	7.951	.005	3	0	41205.	0.	41205.47	1.000	488.3	1574.9	1565.1	439.6	.6	3.3	.0096	.279	.279	5	45.4
1642	7.956	.005	3	0	41004.	0.	41004.12	1.000	488.8	1574.9	1565.1	440.2	.6	3.3	.0096	.277	.277	5	45.4
1643	7.961	.005	3	0	40802.	0.	40802.46	1.000	489.4	1574.8	1565.1	440.7	.6	3.3	.0096	.277	.277	5	45.4
1644	7.966	.005	3	0	40600.	0.	40600.65	.999	489.9	1574.8	1565.1	441.3	.5	3.3	.0096	.275	.275	5	45.4
1645	7.971	.005	3	0	40405.	0.	40405.47	.999	490.5	1574.8	1565.1	441.8	.5	3.3	.0096	.275	.273	5	45.4
1646	7.976	.005	3	0	40211.	0.	40210.57	.999	491.0	1574.7	1565.1	442.4	.5	3.3	.0096	.273	.273	5	45.4
1647	7.981	.005	3	0	40017.	0.	40016.73	.999	491.6	1574.7	1565.1	442.9	.5	3.3	.0096	.270	.271	5	45.4
1648	7.986	.005	3	0	39823.	0.	39822.89	.999	492.1	1574.6	1565.1	443.5	.5	3.3	.0096	.271	.271	5	45.4
1649	7.991	.005	3	0	39630.	0.	39630.11	.999	492.6	1574.6	1565.1	444.0	.5	3.2	.0096	.268	.269	5	45.4
1650	7.996	.005	3	0	39439.	0.	39438.86	.999	493.2	1574.6	1565.1	444.5	.5	3.2	.0096	.269	.266	5	45.4
1651	8.001	.005	3	0	39247.	0.	39247.16	.999	493.7	1574.5	1565.1	445.1	.5	3.2	.0096	.266	.267	5	45.4
1652	8.006	.005	3	0	39057.	0.	39056.54	.999	494.2	1574.5	1565.1	445.6	.5	3.2	.0096	.264	.264	5	45.4
1653	8.011	.005	3	0	38867.	0.	38866.70	.999	494.8	1574.5	1565.1	446.1	.5	3.2	.0096	.264	.262	5	45.4
1654	8.016	.005	3	0	38678.	0.	38677.96	.999	495.3	1574.4	1565.1	446.7	.5	3.2	.0096	.262	.262	5	45.4
1655	8.021	.005	3	0	38489.	0.	38488.78	.999	495.8	1574.4	1565.1	447.2	.5	3.2	.0096	.260	.260	5	45.4
1656	8.026	.005	3	0	38301.	0.	38301.15	.999	496.3	1574.3	1565.1	447.7	.5	3.2	.0096	.260	.260	5	45.4
1657	8.031	.005	3	0	38115.	0.	38114.53	.999	496.8	1574.3	1565.1	448.2	.5	3.1	.0096	.258	.258	5	45.4
1658	8.036	.005	3	0	37928.	0.	37928.13	.999	497.4	1574.3	1565.1	448.7	.5	3.1	.0096	.258	.256	5	45.4
1659	8.041	.005	3	0	37743.	0.	37742.76	.999	497.9	1574.2	1565.1	449.2	.5	3.1	.0096	.256	.256	5	45.4
1660	8.046	.005	3	0	37559.	0.	37558.51	.999	498.4	1574.2	1565.1	449.7	.5	3.1	.0096	.254	.254	5	45.4
1661	8.051	.005	3	0	37374.	0.	37374.29	.999	498.9	1574.2	1565.1	450.3	.5	3.1	.0096	.254	.254	5	45.4

1662	8.056	.005	3	0	37191.	0.	37191.20	.999	499.4	1574.1	1565.1	450.8	.5	3.1	.0096	.252	.252	5	45.4
1663	8.061	.005	3	0	37009.	0.	37008.91	.999	499.9	1574.1	1565.1	451.3	.5	3.1	.0096	.252	.250	5	45.4
1664	8.066	.005	3	0	36824.	0.	36823.52	.999	500.4	1574.1	1565.1	451.8	.5	3.1	.0096	.250	.250	5	45.4
1665	8.071	.005	3	0	36635.	0.	36635.35	.999	500.9	1574.0	1565.1	452.3	.5	3.0	.0096	.248	.248	5	45.4
1666	8.076	.005	3	0	36447.	0.	36446.56	.999	501.4	1574.0	1565.1	452.8	.5	3.0	.0096	.248	.246	5	45.4
1667	8.081	.005	3	0	36257.	0.	36257.42	.999	501.9	1573.9	1565.1	453.2	.5	3.0	.0096	.246	.246	5	45.4
1668	8.086	.005	3	0	36067.	0.	36067.08	.998	502.4	1573.9	1565.1	453.7	.5	3.0	.0096	.244	.244	5	45.4
1669	8.091	.005	3	0	35876.	0.	35876.49	.998	502.9	1573.9	1565.1	454.2	.5	3.0	.0096	.244	.244	5	45.4
1670	8.096	.005	3	0	35685.	0.	35685.17	.997	503.3	1573.8	1565.1	454.7	.5	3.0	.0096	.242	.242	5	45.4
1671	8.101	.005	3	0	35492.	0.	35492.30	.997	503.8	1573.8	1565.1	455.2	.5	3.0	.0096	.240	.240	5	45.4
1672	8.106	.005	3	0	35299.	0.	35298.90	.996	504.3	1573.8	1565.1	455.7	.5	3.0	.0096	.240	.240	5	45.4
1673	8.111	.005	3	0	35104.	0.	35103.66	.996	504.8	1573.7	1565.1	456.1	.5	3.0	.0096	.238	.238	5	45.4
1674	8.116	.005	3	0	34907.	0.	34907.32	.995	505.2	1573.7	1565.1	456.6	.5	2.9	.0096	.236	.236	5	45.4
1675	8.121	.005	3	0	34710.	0.	34710.11	.994	505.7	1573.7	1565.1	457.1	.5	2.9	.0096	.236	.234	5	45.4
1676	8.126	.005	3	0	34511.	0.	34511.50	.993	506.2	1573.6	1565.1	457.6	.5	2.9	.0096	.234	.234	5	45.4
1677	8.131	.005	3	0	34343.	0.	34343.76	.993	506.6	1573.6	1565.1	458.0	.5	2.9	.0096	.232	.232	5	45.4
1678	8.136	.005	3	0	34177.	0.	34177.45	.993	507.1	1573.6	1565.1	458.5	.5	2.9	.0096	.232	.232	5	45.4
1679	8.141	.005	3	0	34012.	0.	34011.60	.993	507.6	1573.5	1565.1	458.9	.5	2.9	.0096	.230	.230	5	45.4
1680	8.146	.005	3	0	33847.	0.	33847.28	.993	508.0	1573.5	1565.1	459.4	.5	2.9	.0096	.230	.228	5	45.4
1681	8.151	.005	3	0	33683.	0.	33682.68	.993	508.5	1573.5	1565.1	459.9	.5	2.9	.0096	.228	.229	5	45.4
1682	8.156	.005	3	0	33520.	0.	33520.04	.993	508.9	1573.4	1565.1	460.3	.5	2.9	.0096	.226	.227	5	45.4
1683	8.161	.005	3	0	33357.	0.	33357.43	.993	509.4	1573.4	1565.1	460.8	.5	2.9	.0096	.226	.227	5	45.4
1684	8.166	.005	3	0	33196.	0.	33196.05	.993	509.8	1573.4	1565.1	461.2	.4	2.8	.0096	.225	.225	5	45.4
1685	8.171	.005	3	0	33035.	0.	33035.46	.993	510.3	1573.3	1565.1	461.7	.4	2.8	.0096	.225	.223	5	45.4
1686	8.176	.005	3	0	32876.	0.	32876.07	.993	510.7	1573.3	1565.1	462.1	.4	2.8	.0096	.223	.223	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	CH	DHH	KIT	ALG
1687	8.181	.005	3	0	32717.	0.	32717.19	.993	511.2	1573.3	1565.1	462.5	.4	2.8	.0096	.221	.221	5	45.4
1688	8.186	.005	3	0	32559.	0.	32559.09	.993	511.6	1573.3	1565.1	463.0	.4	2.8	.0096	.221	.221	5	45.4
1689	8.191	.005	3	0	32402.	0.	32402.22	.993	512.1	1573.2	1565.1	463.4	.4	2.8	.0096	.219	.219	5	45.4
1690	8.196	.005	3	0	32246.	0.	32246.14	.993	512.5	1573.2	1565.1	463.9	.4	2.8	.0096	.219	.217	5	45.4
1691	8.201	.005	3	0	32091.	0.	32090.55	.993	512.9	1573.2	1565.1	464.3	.4	2.8	.0096	.217	.218	5	45.4
1692	8.206	.005	3	0	31936.	0.	31936.20	.993	513.4	1573.1	1565.1	464.7	.4	2.8	.0096	.216	.216	5	45.4
1693	8.211	.005	3	0	31782.	0.	31782.64	.993	513.8	1573.1	1565.1	465.2	.4	2.8	.0096	.216	.216	5	45.4
1694	8.216	.005	3	0	31630.	0.	31630.32	.993	514.2	1573.1	1565.1	465.6	.4	2.7	.0096	.214	.214	5	45.4
1695	8.221	.005	3	0	31478.	0.	31478.79	.993	514.7	1573.0	1565.1	466.0	.4	2.7	.0096	.214	.214	5	45.4
1696	8.226	.005	3	0	31328.	0.	31327.77	.993	515.1	1573.0	1565.1	466.4	.4	2.7	.0096	.212	.212	5	45.4
1697	8.231	.005	3	0	31178.	0.	31177.54	.993	515.5	1573.0	1565.1	466.9	.4	2.7	.0096	.212	.210	5	45.4
1698	8.236	.005	3	0	31024.	0.	31023.54	.993	515.9	1573.0	1565.1	467.3	.4	2.7	.0096	.210	.211	5	45.4
1699	8.241	.005	3	0	30847.	0.	30846.87	.992	516.3	1572.9	1565.1	467.7	.4	2.7	.0096	.208	.209	5	45.4
1700	8.246	.005	3	0	30669.	0.	30668.64	.991	516.8	1572.9	1565.1	468.1	.4	2.7	.0096	.209	.207	5	45.4
1701	8.251	.005	3	0	30489.	0.	30489.34	.990	517.2	1572.9	1565.1	468.5	.4	2.7	.0096	.207	.207	5	45.4
1702	8.256	.005	3	0	30309.	0.	30308.91	.989	517.6	1572.8	1565.1	468.9	.4	2.7	.0096	.205	.205	5	45.4
1703	8.261	.005	3	0	30123.	0.	30127.57	.988	518.0	1572.8	1565.1	469.4	.4	2.7	.0096	.205	.203	5	45.4
1704	8.266	.005	3	0	29945.	0.	29944.99	.986	518.4	1572.8	1565.1	469.8	.4	2.6	.0096	.203	.204	5	45.4
1705	8.271	.005	3	0	29761.	0.	29761.12	.985	518.8	1572.8	1565.1	470.2	.4	2.6	.0096	.201	.202	5	45.4
1706	8.276	.005	3	0	29577.	0.	29576.85	.983	519.2	1572.7	1565.1	470.6	.4	2.6	.0096	.200	.200	5	45.4
1707	8.281	.005	3	0	29391.	0.	29390.52	.982	519.6	1572.7	1565.1	471.0	.4	2.6	.0096	.200	.198	5	45.4
1708	8.286	.005	3	0	29204.	0.	29203.73	.980	520.0	1572.7	1565.1	471.4	.4	2.6	.0096	.198	.198	5	45.4
1709	8.291	.005	3	0	29016.	0.	29015.51	.978	520.4	1572.6	1565.1	471.8	.4	2.6	.0096	.196	.197	5	45.4
1710	8.296	.005	3	0	28826.	0.	28825.81	.976	520.8	1572.6	1565.1	472.1	.4	2.6	.0096	.194	.195	5	45.4
1711	8.301	.005	3	0	28636.	0.	28635.85	.974	521.2	1572.6	1565.1	472.5	.4	2.6	.0096	.195	.195	5	45.4
1712	8.306	.005	3	0	28444.	0.	28443.68	.972	521.5	1572.6	1565.1	472.9	.4	2.6	.0096	.193	.193	5	45.4
1713	8.311	.005	3	0	28251.	0.	28251.40	.969	521.9	1572.5	1565.1	473.3	.4	2.5	.0096	.191	.191	5	45.4
1714	8.316	.005	3	0	28058.	0.	28057.91	.967	522.3	1572.5	1565.1	473.7	.4	2.5	.0096	.189	.190	5	45.4
1715	8.321	.005	3	0	27936.	0.	27936.24	.967	522.7	1572.5	1565.1	474.1	.4	2.5	.0096	.190	.190	5	45.4
1716	8.326	.005	3	0	27815.	0.	27815.11	.967	523.1	1572.5	1565.1	474.4	.4	2.5	.0096	.188	.188	5	45.4

1717	8.331	.005	3	0	27695.	0.	27695.42	.967	523.4	1572.4	1565.1	474.8	.4	2.5	.0096	.188	.188	5	45.4
1718	8.336	.005	3	0	27576.	0.	27576.25	.967	523.8	1572.4	1565.1	475.2	.4	2.5	.0096	.186	.187	5	45.4
1719	8.341	.005	3	0	27458.	0.	27457.82	.967	524.2	1572.4	1565.1	475.6	.4	2.5	.0096	.186	.187	5	45.4
1720	8.346	.005	3	0	27341.	0.	27340.62	.967	524.6	1572.4	1565.1	475.9	.4	2.5	.0096	.185	.185	5	45.4
1721	8.351	.005	3	0	27223.	0.	27223.47	.967	524.9	1572.3	1565.1	476.3	.4	2.5	.0096	.185	.185	5	45.4
1722	8.356	.005	3	0	27108.	0.	27107.54	.967	525.3	1572.3	1565.1	476.7	.4	2.5	.0096	.183	.184	5	45.4
1723	8.361	.005	3	0	26992.	0.	26992.35	.967	525.7	1572.3	1565.1	477.0	.4	2.5	.0096	.183	.184	5	45.4
1724	8.366	.005	3	0	26878.	0.	26877.70	.967	526.0	1572.3	1565.1	477.4	.4	2.5	.0096	.182	.182	5	45.4
1725	8.371	.005	3	0	26764.	0.	26763.79	.967	526.4	1572.2	1565.1	477.8	.4	2.5	.0096	.182	.182	5	45.4
1726	8.376	.005	3	0	26650.	0.	26650.41	.967	526.7	1572.2	1565.1	478.1	.4	2.4	.0096	.180	.181	5	45.4
1727	8.381	.005	3	0	26538.	0.	26538.46	.967	527.1	1572.2	1565.1	478.5	.4	2.4	.0096	.180	.179	5	45.4
1728	8.386	.005	3	0	26427.	0.	26427.04	.967	527.5	1572.2	1565.1	478.8	.4	2.4	.0096	.179	.179	5	45.4
1729	8.391	.005	3	0	26316.	0.	26315.68	.967	527.8	1572.1	1565.1	479.2	.4	2.4	.0096	.179	.177	5	45.4
1730	8.396	.005	3	0	26206.	0.	26206.23	.967	528.2	1572.1	1565.1	479.5	.4	2.4	.0096	.177	.178	5	45.4
1731	8.401	.005	3	0	26097.	0.	26096.83	.967	528.5	1572.1	1565.1	479.9	.4	2.4	.0096	.177	.176	5	45.4
1732	8.406	.005	3	0	25988.	0.	25987.97	.967	528.9	1572.1	1565.1	480.3	.4	2.4	.0096	.176	.176	5	45.4
1733	8.411	.005	3	0	25880.	0.	25879.84	.967	529.2	1572.1	1565.1	480.6	.4	2.4	.0096	.176	.174	5	45.4
1734	8.416	.005	3	0	25773.	0.	25772.94	.967	529.6	1572.0	1565.1	481.0	.3	2.4	.0096	.174	.175	5	45.4
1735	8.421	.005	3	0	25667.	0.	25666.77	.967	529.9	1572.0	1565.1	481.3	.3	2.4	.0096	.174	.173	5	45.4
1736	8.426	.005	3	0	25561.	0.	25561.15	.967	530.3	1572.0	1565.1	481.6	.3	2.4	.0096	.173	.173	5	45.4
1737	8.431	.005	3	0	25456.	0.	25455.57	.967	530.6	1572.0	1565.1	482.0	.3	2.4	.0096	.173	.173	5	45.4
1738	8.436	.005	3	0	25352.	0.	25351.90	.967	531.0	1571.9	1565.1	482.3	.3	2.4	.0096	.171	.172	5	45.4
1739	8.441	.005	3	0	25248.	0.	25248.28	.967	531.3	1571.9	1565.1	482.7	.3	2.4	.0096	.172	.172	5	45.4
1740	8.446	.005	3	0	25145.	0.	25145.21	.967	531.6	1571.9	1565.1	483.0	.3	2.3	.0096	.170	.170	5	45.4
1741	8.451	.005	3	0	25044.	0.	25043.54	.967	532.0	1571.9	1565.1	483.4	.3	2.3	.0096	.170	.170	5	45.4
1742	8.456	.005	3	0	24930.	0.	24929.61	.967	532.3	1571.9	1565.1	483.7	.3	2.3	.0096	.169	.169	5	45.4
1743	8.461	.005	3	0	24768.	0.	24768.42	.964	532.7	1571.8	1565.1	484.0	.3	2.3	.0096	.167	.167	5	45.4
1744	8.466	.005	3	0	24608.	0.	24608.10	.962	533.0	1571.8	1565.1	484.4	.3	2.3	.0096	.167	.167	5	45.4
1745	8.471	.005	3	0	24446.	0.	24446.07	.959	533.3	1571.8	1565.1	484.7	.3	2.3	.0096	.166	.166	5	45.4
1746	8.476	.005	3	0	24284.	0.	24284.46	.957	533.7	1571.8	1565.1	485.0	.3	2.3	.0096	.164	.164	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	CH	DHH	KIT	ALG
1747	8.481	.005	3	0	24123.	0.	24123.35	.954	534.0	1571.8	1565.1	485.3	.3	2.3	.0096	.163	.163	5	45.4
1748	8.486	.005	3	0	23962.	0.	23961.83	.951	534.3	1571.7	1565.1	485.7	.3	2.3	.0096	.163	.163	5	45.4
1749	8.491	.005	3	0	23800.	0.	23799.79	.948	534.6	1571.7	1565.1	486.0	.3	2.3	.0096	.161	.162	5	45.4
1750	8.496	.005	3	0	23638.	0.	23638.40	.945	534.9	1571.7	1565.1	486.3	.3	2.2	.0096	.160	.160	5	45.4
1751	8.501	.005	3	0	23477.	0.	23476.58	.942	535.3	1571.7	1565.1	486.6	.3	2.2	.0096	.158	.159	5	45.4
1752	8.506	.005	3	0	23316.	0.	23315.68	.939	535.6	1571.7	1565.1	486.9	.3	2.2	.0096	.158	.159	5	45.4
1753	8.511	.005	3	0	23155.	0.	23154.99	.936	535.9	1571.6	1565.1	487.3	.3	2.2	.0096	.157	.157	5	45.4
1754	8.516	.005	3	0	22995.	0.	22994.70	.933	536.2	1571.6	1565.1	487.6	.3	2.2	.0096	.156	.156	5	45.4
1755	8.521	.005	3	0	22835.	0.	22834.85	.929	536.5	1571.6	1565.1	487.9	.3	2.2	.0096	.154	.154	5	45.4
1756	8.526	.005	3	0	22676.	0.	22675.57	.926	536.8	1571.6	1565.1	488.2	.3	2.2	.0096	.154	.153	5	45.4
1757	8.531	.005	3	0	22517.	0.	22517.46	.923	537.1	1571.6	1565.1	488.5	.3	2.2	.0096	.153	.153	5	45.4
1758	8.536	.005	3	0	22359.	0.	22359.35	.919	537.4	1571.6	1565.1	488.8	.3	2.2	.0096	.151	.152	5	45.4
1759	8.541	.005	3	0	22203.	0.	22202.59	.916	537.7	1571.5	1565.1	489.1	.3	2.2	.0096	.150	.150	5	45.4
1760	8.546	.005	3	0	22047.	0.	22046.64	.912	538.0	1571.5	1565.1	489.4	.3	2.1	.0096	.149	.149	5	45.4
1761	8.551	.005	3	0	21892.	0.	21892.34	.909	538.3	1571.5	1565.1	489.7	.3	2.1	.0096	.149	.149	5	45.4
1762	8.556	.005	3	0	21738.	0.	21737.69	.905	538.6	1571.5	1565.1	490.0	.3	2.1	.0096	.147	.148	5	45.4
1763	8.561	.005	3	0	21585.	0.	21585.50	.901	538.9	1571.5	1565.1	490.3	.3	2.1	.0096	.146	.146	5	45.4
1764	8.566	.005	3	0	21434.	0.	21433.66	.897	539.2	1571.5	1565.1	490.6	.3	2.1	.0096	.145	.145	5	45.4
1765	8.571	.005	3	0	21285.	0.	21284.63	.894	539.5	1571.5	1565.1	490.9	.3	2.1	.0096	.145	.144	5	45.4
1766	8.576	.005	3	0	21225.	0.	21225.35	.894	539.8	1571.4	1565.1	491.1	.3	2.1	.0096	.143	.144	5	45.4
1767	8.581	.005	3	0	21167.	0.	21167.30	.894	540.1	1571.4	1565.1	491.4	.3	2.1	.0096	.144	.144	5	45.4
1768	8.586	.005	3	0	21109.	0.	21109.27	.894	540.4	1571.4	1565.1	491.7	.3	2.1	.0096	.144	.142	5	45.4
1769	8.591	.005	3	0	21051.	0.	21051.12	.894	540.6	1571.4	1565.1	492.0	.3	2.1	.0096	.142	.142	5	45.4
1770	8.596	.005	3	0	20994.	0.	20994.21	.894	540.9	1571.4	1565.1	492.3	.3	2.1	.0096	.142	.143	5	45.4
1771	8.601	.005	3	0	20937.	0.	20937.30	.894	541.2	1571.4	1565.1	492.6	.3	2.1	.0096	.142	.141	5	45.4

1772	8.606	.005	3	0	20880.	0.	20880.28	.894	541.5	1571.4	1565.1	492.9	.3	2.1	.0096	.141	.141	5	45.4
1773	8.611	.005	3	0	20824.	0.	20823.88	.894	541.8	1571.3	1565.1	493.1	.3	2.1	.0096	.141	.141	5	45.4
1774	8.616	.005	3	0	20767.	0.	20767.49	.894	542.1	1571.3	1565.1	493.4	.3	2.1	.0096	.141	.140	5	45.4
1775	8.621	.005	3	0	20712.	0.	20711.61	.894	542.3	1571.3	1565.1	493.7	.3	2.1	.0096	.140	.140	5	45.4
1776	8.626	.005	3	0	20656.	0.	20656.34	.894	542.6	1571.3	1565.1	494.0	.3	2.1	.0096	.140	.140	5	45.4
1777	8.631	.005	3	0	20601.	0.	20601.08	.894	542.9	1571.3	1565.1	494.3	.3	2.1	.0096	.140	.139	5	45.4
1778	8.636	.005	3	0	20546.	0.	20545.71	.894	543.2	1571.3	1565.1	494.5	.3	2.0	.0096	.139	.139	5	45.4
1779	8.641	.005	3	0	20492.	0.	20491.58	.894	543.4	1571.3	1565.1	494.8	.3	2.0	.0096	.139	.139	5	45.4
1780	8.646	.005	3	0	20437.	0.	20436.83	.894	543.7	1571.2	1565.1	495.1	.3	2.0	.0096	.139	.138	5	45.4
1781	8.651	.005	3	0	20383.	0.	20382.60	.894	544.0	1571.2	1565.1	495.4	.3	2.0	.0096	.138	.138	5	45.4
1782	8.656	.005	3	0	20329.	0.	20328.98	.894	544.3	1571.2	1565.1	495.6	.3	2.0	.0096	.138	.138	5	45.4
1783	8.661	.005	3	0	20275.	0.	20275.37	.894	544.6	1571.2	1565.1	495.9	.3	2.0	.0096	.138	.137	5	45.4
1784	8.666	.005	3	0	20222.	0.	20222.26	.894	544.8	1571.2	1565.1	496.2	.3	2.0	.0096	.137	.137	5	45.4
1785	8.671	.005	3	0	20169.	0.	20169.16	.894	545.1	1571.2	1565.1	496.5	.3	2.0	.0096	.137	.137	5	45.4
1786	8.676	.005	3	0	20116.	0.	20116.68	.894	545.4	1571.2	1565.1	496.7	.3	2.0	.0096	.137	.136	5	45.4
1787	8.681	.005	3	0	20065.	0.	20064.70	.894	545.6	1571.2	1565.1	497.0	.3	2.0	.0096	.135	.136	5	45.4
1788	8.686	.005	3	0	20012.	0.	20012.13	.894	545.9	1571.1	1565.1	497.3	.3	2.0	.0096	.136	.136	5	45.4
1789	8.691	.005	3	0	19961.	0.	19960.77	.894	546.2	1571.1	1565.1	497.6	.3	2.0	.0096	.136	.136	5	45.4
1790	8.696	.005	3	0	19909.	0.	19908.70	.894	546.5	1571.1	1565.1	497.8	.3	2.0	.0096	.134	.135	5	45.4
1791	8.701	.005	3	0	19858.	0.	19857.86	.894	546.7	1571.1	1565.1	498.1	.3	2.0	.0096	.134	.135	5	45.4
1792	8.706	.005	3	0	19806.	0.	19806.42	.894	547.0	1571.1	1565.1	498.4	.3	2.0	.0096	.134	.135	5	45.4
1793	8.711	.005	3	0	19756.	0.	19756.09	.894	547.3	1571.1	1565.1	498.6	.3	2.0	.0096	.133	.133	5	45.4
1794	8.716	.005	3	0	19706.	0.	19705.77	.894	547.5	1571.1	1565.1	498.9	.3	2.0	.0096	.133	.134	5	45.4
1795	8.721	.005	3	0	19655.	0.	19655.46	.894	547.8	1571.1	1565.1	499.2	.3	2.0	.0096	.133	.134	5	45.4
1796	8.726	.005	3	0	19605.	0.	19605.04	.894	548.1	1571.0	1565.1	499.4	.3	2.0	.0096	.132	.132	5	45.4
1797	8.731	.005	3	0	19556.	0.	19555.85	.894	548.3	1571.0	1565.1	499.7	.3	2.0	.0096	.132	.132	5	45.4
1798	8.736	.005	3	0	19506.	0.	19506.06	.894	548.6	1571.0	1565.1	500.0	.3	2.0	.0096	.132	.132	5	45.4
1799	8.741	.005	3	0	19457.	0.	19456.88	.894	548.9	1571.0	1565.1	500.2	.3	2.0	.0096	.132	.131	5	45.4
1800	8.746	.005	3	0	19408.	0.	19408.21	.894	549.1	1571.0	1565.1	500.5	.3	2.0	.0096	.131	.131	5	45.4
1801	8.751	.005	3	0	19360.	0.	19359.54	.894	549.4	1571.0	1565.1	500.7	.3	2.0	.0096	.131	.131	5	45.4
1802	8.756	.005	3	0	19311.	0.	19311.48	.894	549.6	1571.0	1565.1	501.0	.3	2.0	.0096	.131	.130	5	45.4
1803	8.761	.005	3	0	19263.	0.	19263.34	.894	549.9	1571.0	1565.1	501.3	.3	1.9	.0096	.130	.130	5	45.4
1804	8.766	.005	3	0	19215.	0.	19215.19	.894	550.2	1571.0	1565.1	501.5	.3	1.9	.0096	.130	.130	5	45.4
1805	8.771	.005	3	0	19168.	0.	19167.66	.894	550.4	1570.9	1565.1	501.8	.3	1.9	.0096	.130	.130	5	45.4
1806	8.776	.005	3	0	19120.	0.	19120.03	.894	550.7	1570.9	1565.1	502.0	.3	1.9	.0096	.129	.129	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1807	8.781	.005	3	0	19073.	0.	19073.02	.894	550.9	1570.9	1565.1	502.3	.3	1.9	.0096	.129	.129	5	45.4
1808	8.786	.005	3	0	19026.	0.	19026.00	.894	551.2	1570.9	1565.1	502.5	.3	1.9	.0096	.129	.129	5	45.4
1809	8.791	.005	3	0	18980.	0.	18979.51	.894	551.4	1570.9	1565.1	502.8	.3	1.9	.0096	.128	.128	5	45.4
1810	8.796	.005	3	0	18933.	0.	18933.01	.894	551.7	1570.9	1565.1	503.1	.3	1.9	.0096	.128	.128	5	45.4
1811	8.801	.005	3	0	18887.	0.	18886.53	.894	552.0	1570.9	1565.1	503.3	.3	1.9	.0096	.128	.128	5	45.4
1812	8.806	.005	3	0	18841.	0.	18840.64	.894	552.2	1570.9	1565.1	503.5	.3	1.9	.0096	.128	.127	5	45.4
1813	8.811	.005	3	0	18795.	0.	18795.28	.894	552.5	1570.9	1565.1	503.8	.3	1.9	.0096	.127	.127	5	45.4
1814	8.816	.005	3	0	18699.	0.	18698.73	.891	552.7	1570.8	1565.1	504.1	.3	1.9	.0096	.127	.127	5	45.4
1815	8.821	.005	3	0	18585.	0.	18585.30	.888	553.0	1570.8	1565.1	504.3	.3	1.9	.0096	.126	.126	5	45.4
1816	8.826	.005	3	0	18473.	0.	18473.05	.885	553.2	1570.8	1565.1	504.6	.2	1.9	.0096	.125	.125	5	45.4
1817	8.831	.005	3	0	18363.	0.	18362.54	.881	553.5	1570.8	1565.1	504.8	.2	1.9	.0096	.125	.125	5	45.4
1818	8.836	.005	3	0	18253.	0.	18253.33	.878	553.7	1570.8	1565.1	505.1	.2	1.9	.0096	.124	.124	5	45.4
1819	8.841	.005	3	0	18146.	0.	18145.92	.875	554.0	1570.8	1565.1	505.3	.2	1.9	.0096	.122	.123	5	45.4
1820	8.846	.005	3	0	18040.	0.	18040.00	.871	554.2	1570.8	1565.1	505.6	.2	1.9	.0096	.122	.123	5	45.4
1821	8.851	.005	3	0	17936.	0.	17936.06	.868	554.5	1570.8	1565.1	505.8	.2	1.9	.0096	.121	.121	5	45.4
1822	8.856	.005	3	0	17834.	0.	17833.70	.865	554.7	1570.8	1565.1	506.1	.2	1.9	.0096	.121	.120	5	45.4
1823	8.861	.005	3	0	17733.	0.	17732.58	.862	554.9	1570.8	1565.1	506.3	.2	1.8	.0096	.120	.120	5	45.4
1824	8.866	.005	3	0	17634.	0.	17634.29	.859	555.2	1570.7	1565.1	506.5	.2	1.8	.0096	.119	.119	5	45.4
1825	8.871	.005	3	0	17536.	0.	17536.21	.855	555.4	1570.7	1565.1	506.8	.2	1.8	.0096	.119	.118	5	45.4
1826	8.876	.005	3	0	17441.	0.	17441.09	.852	555.6	1570.7	1565.1	507.0	.2	1.8	.0096	.118	.118	5	45.4

1827	8.881	.005	3	0	17347.	0.	17347.50	.349	555.9	1570.7	1565.1	507.3	.2	1.8	.0096	.117	.117	5	45.4
1828	8.886	.005	3	0	17255.	0.	17255.18	.846	556.1	1570.7	1565.1	507.5	.2	1.8	.0096	.117	.117	5	45.4
1829	8.891	.005	3	0	17164.	0.	17164.08	.843	556.3	1570.7	1565.1	507.7	.2	1.8	.0096	.116	.116	5	45.4
1830	8.896	.005	3	0	17075.	0.	17075.74	.840	556.6	1570.7	1565.1	507.9	.2	1.8	.0096	.116	.116	5	45.4
1831	8.901	.005	3	0	16989.	0.	16989.29	.837	556.8	1570.7	1565.1	508.2	.2	1.8	.0096	.115	.115	5	45.4
1832	8.906	.005	3	0	16904.	0.	16904.16	.834	557.0	1570.7	1565.1	508.4	.2	1.8	.0096	.115	.114	5	45.4
1833	8.911	.005	3	0	16820.	0.	16820.44	.831	557.3	1570.7	1565.1	508.6	.2	1.8	.0096	.114	.114	5	45.4
1834	8.916	.005	3	0	16738.	0.	16738.13	.828	557.5	1570.7	1565.1	508.9	.2	1.8	.0096	.113	.113	5	45.4
1835	8.921	.005	3	0	16658.	0.	16657.85	.825	557.7	1570.7	1565.1	509.1	.2	1.8	.0096	.113	.113	5	45.4
1836	8.926	.005	3	0	16580.	0.	16579.62	.822	557.9	1570.7	1565.1	509.3	.2	1.8	.0096	.112	.112	5	45.4
1837	8.931	.005	3	0	16503.	0.	16502.99	.820	558.2	1570.6	1565.1	509.5	.2	1.8	.0096	.112	.112	5	45.4
1838	8.936	.005	3	0	16427.	0.	16427.39	.817	558.4	1570.6	1565.1	509.8	.2	1.8	.0096	.111	.111	5	45.4
1839	8.941	.005	3	0	16355.	0.	16354.57	.814	558.6	1570.6	1565.1	510.0	.2	1.8	.0096	.111	.111	5	45.4
1840	8.946	.005	3	0	16282.	0.	16281.72	.812	558.8	1570.6	1565.1	510.2	.2	1.7	.0096	.110	.110	5	45.4
1841	8.951	.005	3	0	16211.	0.	16211.13	.809	559.0	1570.6	1565.1	510.4	.2	1.7	.0096	.110	.110	5	45.4
1842	8.956	.005	3	0	16143.	0.	16142.95	.806	559.3	1570.6	1565.1	510.6	.2	1.7	.0096	.109	.109	5	45.4
1843	8.961	.005	3	0	16075.	0.	16074.81	.804	559.5	1570.6	1565.1	510.9	.2	1.7	.0096	.109	.109	5	45.4
1844	8.966	.005	3	0	16008.	0.	16008.47	.801	559.7	1570.6	1565.1	511.1	.2	1.7	.0096	.109	.108	5	45.4
1845	8.971	.005	3	0	15944.	0.	15944.03	.799	559.9	1570.6	1565.1	511.3	.2	1.7	.0096	.108	.108	5	45.4
1846	8.976	.005	3	0	15881.	0.	15881.45	.796	560.1	1570.6	1565.1	511.5	.2	1.7	.0096	.108	.107	5	45.4
1847	8.981	.005	3	0	15819.	0.	15818.96	.794	560.3	1570.6	1565.1	511.7	.2	1.7	.0096	.107	.107	5	45.4
1848	8.986	.005	3	0	15759.	0.	15759.05	.792	560.6	1570.6	1565.1	511.9	.2	1.7	.0096	.107	.107	5	45.4
1849	8.991	.005	3	0	15700.	0.	15700.03	.789	560.8	1570.6	1565.1	512.1	.2	1.7	.0096	.107	.106	5	45.4
1850	8.996	.005	3	0	15642.	0.	15641.66	.787	561.0	1570.6	1565.1	512.4	.2	1.7	.0096	.106	.106	5	45.4
1851	9.001	.005	3	0	15585.	0.	15585.46	.785	561.2	1570.6	1565.1	512.6	.2	1.7	.0096	.106	.106	5	45.4
1852	9.006	.005	3	0	15530.	0.	15530.00	.783	561.4	1570.6	1565.1	512.8	.2	1.7	.0096	.106	.106	5	45.4
1853	9.011	.005	3	0	15476.	0.	15476.65	.781	561.6	1570.6	1565.1	513.0	.2	1.7	.0096	.104	.106	5	45.4
1854	9.016	.005	3	0	15424.	0.	15423.54	.778	561.8	1570.6	1565.1	513.2	.2	1.7	.0096	.104	.104	5	45.4
1855	9.021	.005	3	0	15371.	0.	15370.68	.776	562.0	1570.6	1565.1	513.4	.2	1.7	.0096	.104	.104	5	45.4
1856	9.026	.005	3	0	15320.	0.	15320.12	.774	562.2	1570.6	1565.1	513.6	.2	1.7	.0096	.104	.104	5	45.4
1857	9.031	.005	3	0	15270.	0.	15270.36	.772	562.5	1570.5	1565.1	513.8	.2	1.7	.0096	.104	.104	5	45.4
1858	9.036	.005	3	0	15223.	0.	15222.85	.770	562.7	1570.5	1565.1	514.0	.2	1.7	.0096	.102	.104	5	45.4
1859	9.041	.005	3	0	15174.	0.	15174.31	.768	562.9	1570.5	1565.1	514.2	.2	1.7	.0096	.102	.102	5	45.4
1860	9.046	.005	3	0	15128.	0.	15128.19	.766	563.1	1570.5	1565.1	514.4	.2	1.7	.0096	.102	.102	5	45.4
1861	9.051	.005	3	0	15082.	0.	15082.38	.764	563.3	1570.5	1565.1	514.6	.2	1.7	.0096	.102	.102	5	45.4
1862	9.056	.005	3	0	15037.	0.	15036.86	.763	563.5	1570.5	1565.1	514.8	.2	1.7	.0096	.102	.102	5	45.4
1863	9.061	.005	3	0	14994.	0.	14993.34	.761	563.7	1570.5	1565.1	515.0	.2	1.7	.0096	.102	.102	5	45.4
1864	9.066	.005	3	0	14950.	0.	14949.67	.759	563.9	1570.5	1565.1	515.2	.2	1.6	.0096	.100	.102	5	45.4
1865	9.071	.005	3	0	14908.	0.	14908.04	.757	564.1	1570.5	1565.1	515.4	.2	1.6	.0096	.100	.100	5	45.4
1866	9.076	.005	3	0	14867.	0.	14866.73	.755	564.3	1570.5	1565.1	515.6	.2	1.6	.0096	.100	.100	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1867	9.081	.005	3	0	14825.	0.	14825.26	.754	564.5	1570.5	1565.1	515.8	.2	1.6	.0096	.100	.100	5	45.4
1868	9.086	.005	3	0	14786.	0.	14785.51	.752	564.7	1570.5	1565.1	516.1	.2	1.6	.0096	.100	.100	5	45.4
1869	9.091	.005	3	0	14746.	0.	14746.08	.750	564.9	1570.5	1565.1	516.3	.2	1.6	.0096	.101	.100	5	45.4
1870	9.096	.005	3	0	14707.	0.	14707.30	.749	565.1	1570.5	1565.1	516.4	.2	1.6	.0096	.099	.100	5	45.4
1871	9.101	.005	3	0	14671.	0.	14670.77	.747	565.3	1570.5	1565.1	516.6	.2	1.6	.0096	.099	.100	5	45.4
1872	9.106	.005	3	0	14632.	0.	14632.19	.745	565.5	1570.5	1565.1	516.8	.2	1.6	.0096	.099	.098	5	45.4
1873	9.111	.005	3	0	14596.	0.	14595.88	.744	565.7	1570.5	1565.1	517.0	.2	1.6	.0096	.099	.098	5	45.4
1874	9.116	.005	3	0	14560.	0.	14560.36	.742	565.9	1570.5	1565.1	517.2	.2	1.6	.0096	.099	.098	5	45.4
1875	9.121	.005	3	0	14525.	0.	14525.20	.741	566.1	1570.5	1565.1	517.4	.2	1.6	.0096	.099	.098	5	45.4
1876	9.126	.005	3	0	14489.	0.	14489.91	.739	566.3	1570.5	1565.1	517.6	.2	1.6	.0096	.099	.098	5	45.4
1877	9.131	.005	3	0	14456.	0.	14456.34	.738	566.5	1570.5	1565.1	517.8	.2	1.6	.0096	.097	.098	5	45.4
1878	9.136	.005	3	0	14421.	0.	14421.18	.736	566.7	1570.5	1565.1	518.0	.2	1.6	.0096	.097	.099	5	45.4
1879	9.141	.005	3	0	14389.	0.	14388.82	.735	566.8	1570.5	1565.1	518.2	.2	1.6	.0096	.097	.097	5	45.4
1880	9.146	.005	3	0	14355.	0.	14355.37	.733	567.0	1570.5	1565.1	518.4	.2	1.6	.0096	.097	.097	5	45.4
1881	9.151	.005	3	0	14323.	0.	14322.79	.732	567.2	1570.5	1565.1	518.6	.2	1.6	.0096	.097	.097	5	45.4

1882	9.156	.005	3	0	14291.	0.	14291.07	.730	567.4	1570.5	1565.1	518.8	.2	1.6	.0096	.097	.097	5	45.4
1883	9.161	.005	3	0	14260.	0.	14260.24	.729	567.6	1570.5	1565.1	519.0	.2	1.6	.0096	.097	.097	5	45.4
1884	9.166	.005	3	0	14228.	0.	14228.30	.727	567.8	1570.5	1565.1	519.2	.2	1.6	.0096	.097	.097	5	45.4
1885	9.171	.005	3	0	14198.	0.	14197.65	.726	568.0	1570.5	1565.1	519.4	.2	1.6	.0096	.095	.097	5	45.4
1886	9.176	.005	3	0	14168.	0.	14168.41	.725	568.2	1570.5	1565.1	519.6	.2	1.6	.0096	.095	.097	5	45.4
1887	9.181	.005	3	0	14138.	0.	14137.56	.723	568.4	1570.5	1565.1	519.8	.2	1.6	.0096	.095	.095	5	45.4
1888	9.186	.005	3	0	14109.	0.	14108.62	.722	568.6	1570.5	1565.1	519.9	.2	1.6	.0096	.095	.095	5	45.4
1889	9.191	.005	3	0	14080.	0.	14079.57	.721	568.8	1570.5	1565.1	520.1	.2	1.6	.0096	.095	.095	5	45.4
1890	9.196	.005	3	0	14050.	0.	14050.44	.719	569.0	1570.5	1565.1	520.3	.2	1.6	.0096	.095	.095	5	45.4
1891	9.201	.005	3	0	14021.	0.	14021.21	.718	569.2	1570.5	1565.1	520.5	.2	1.6	.0096	.095	.095	5	45.4
1892	9.206	.005	3	0	13992.	0.	13992.37	.717	569.3	1570.5	1565.1	520.7	.2	1.6	.0096	.095	.095	5	45.4
1893	9.211	.005	3	0	13964.	0.	13964.40	.715	569.5	1570.5	1565.1	520.9	.2	1.6	.0096	.094	.095	5	45.4
1894	9.216	.005	3	0	13936.	0.	13936.83	.714	569.7	1570.5	1565.1	521.1	.2	1.6	.0096	.094	.095	5	45.4
1895	9.221	.005	3	0	13909.	0.	13909.18	.713	569.9	1570.5	1565.1	521.3	.2	1.6	.0096	.094	.093	5	45.4
1896	9.226	.005	3	0	13881.	0.	13881.44	.712	570.1	1570.4	1565.1	521.5	.2	1.6	.0096	.094	.093	5	45.4
1897	9.231	.005	3	0	13854.	0.	13854.08	.710	570.3	1570.4	1565.1	521.6	.2	1.6	.0096	.094	.093	5	45.4
1898	9.236	.005	3	0	13828.	0.	13827.75	.709	570.5	1570.4	1565.1	521.8	.2	1.6	.0096	.094	.093	5	45.4
1899	9.241	.005	3	0	13802.	0.	13801.81	.708	570.7	1570.4	1565.1	522.0	.2	1.6	.0096	.094	.093	5	45.4
1900	9.246	.005	3	0	13774.	0.	13774.21	.707	570.8	1570.4	1565.1	522.2	.2	1.6	.0096	.094	.093	5	45.4
1901	9.251	.005	3	0	13748.	0.	13747.64	.705	571.0	1570.4	1565.1	522.4	.2	1.6	.0096	.094	.093	5	45.4
1902	9.256	.005	3	0	13722.	0.	13721.85	.704	571.2	1570.4	1565.1	522.6	.2	1.5	.0096	.092	.094	5	45.4
1903	9.261	.005	3	0	13697.	0.	13697.11	.703	571.4	1570.4	1565.1	522.8	.2	1.5	.0096	.092	.094	5	45.4
1904	9.266	.005	3	0	13671.	0.	13670.69	.702	571.6	1570.4	1565.1	522.9	.2	1.5	.0096	.092	.092	5	45.4
1905	9.271	.005	3	0	13645.	0.	13644.67	.700	571.8	1570.4	1565.1	523.1	.2	1.5	.0096	.092	.092	5	45.4
1906	9.276	.005	3	0	13620.	0.	13619.72	.699	571.9	1570.4	1565.1	523.3	.2	1.5	.0096	.092	.092	5	45.4
1907	9.281	.005	3	0	13595.	0.	13595.17	.698	572.1	1570.4	1565.1	523.5	.2	1.5	.0096	.092	.092	5	45.4
1908	9.286	.005	3	0	13569.	0.	13568.92	.697	572.3	1570.4	1565.1	523.7	.2	1.5	.0096	.092	.092	5	45.4
1909	9.291	.005	3	0	13544.	0.	13543.75	.696	572.5	1570.4	1565.1	523.9	.2	1.5	.0096	.092	.092	5	45.4
1910	9.296	.005	3	0	13519.	0.	13518.98	.695	572.7	1570.4	1565.1	524.1	.2	1.5	.0096	.092	.092	5	45.4
1911	9.301	.005	3	0	13495.	0.	13494.53	.693	572.9	1570.4	1565.1	524.2	.2	1.5	.0096	.090	.092	5	45.4
1912	9.306	.005	3	0	13471.	0.	13471.18	.692	573.0	1570.4	1565.1	524.4	.2	1.5	.0096	.090	.092	5	45.4
1913	9.311	.005	3	0	13446.	0.	13446.12	.691	573.2	1570.4	1565.1	524.6	.2	1.5	.0096	.090	.090	5	45.4
1914	9.316	.005	3	0	13421.	0.	13420.99	.690	573.4	1570.4	1565.1	524.8	.2	1.5	.0096	.091	.090	5	45.4
1915	9.321	.005	3	0	13398.	0.	13397.92	.689	573.6	1570.4	1565.1	525.0	.2	1.5	.0096	.091	.090	5	45.4
1916	9.326	.005	3	0	13373.	0.	13372.65	.688	573.8	1570.4	1565.1	525.1	.2	1.5	.0096	.091	.090	5	45.4
1917	9.331	.005	3	0	13349.	0.	13349.45	.686	574.0	1570.4	1565.1	525.3	.2	1.5	.0096	.091	.090	5	45.4
1918	9.336	.005	3	0	13325.	0.	13324.50	.685	574.1	1570.4	1565.1	525.5	.2	1.5	.0096	.091	.090	5	45.4
1919	9.341	.005	3	0	13301.	0.	13300.72	.684	574.3	1570.4	1565.1	525.7	.2	1.5	.0096	.091	.090	5	45.4
1920	9.346	.005	3	0	13277.	0.	13277.32	.683	574.5	1570.4	1565.1	525.9	.2	1.5	.0096	.091	.090	5	45.4
1921	9.351	.005	3	0	13254.	0.	13253.78	.682	574.7	1570.4	1565.1	526.0	.2	1.5	.0096	.089	.090	5	45.4
1922	9.356	.005	3	0	13230.	0.	13230.18	.681	574.9	1570.4	1565.1	526.2	.2	1.5	.0096	.089	.089	5	45.4
1923	9.361	.005	3	0	13207.	0.	13206.51	.680	575.0	1570.4	1565.1	526.4	.2	1.5	.0096	.089	.089	5	45.4
1924	9.366	.005	3	0	13183.	0.	13182.78	.678	575.2	1570.4	1565.1	526.6	.2	1.5	.0096	.089	.089	5	45.4
1925	9.371	.005	3	0	13159.	0.	13158.99	.677	575.4	1570.4	1565.1	526.8	.2	1.5	.0096	.089	.089	5	45.4
1926	9.376	.005	3	0	13136.	0.	13135.59	.676	575.6	1570.4	1565.1	526.9	.2	1.5	.0096	.089	.089	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1927	9.381	.005	3	0	13113.	0.	13113.40	.675	575.7	1570.4	1565.1	527.1	.2	1.5	.0096	.089	.089	5	45.4
1928	9.386	.005	3	0	13089.	0.	13089.42	.674	575.9	1570.4	1565.1	527.3	.2	1.5	.0096	.089	.089	5	45.4
1929	9.391	.005	3	0	13066.	0.	13065.83	.673	576.1	1570.4	1565.1	527.5	.2	1.5	.0096	.089	.089	5	45.4
1930	9.396	.005	3	0	13043.	0.	13043.38	.672	576.3	1570.4	1565.1	527.6	.2	1.5	.0096	.087	.089	5	45.4
1931	9.401	.005	3	0	13020.	0.	13019.58	.671	576.4	1570.4	1565.1	527.8	.2	1.5	.0096	.087	.089	5	45.4
1932	9.406	.005	3	0	12997.	0.	12997.02	.669	576.6	1570.4	1565.1	528.0	.2	1.5	.0096	.087	.087	5	45.4
1933	9.411	.005	3	0	12975.	0.	12974.86	.668	576.8	1570.4	1565.1	528.2	.2	1.5	.0096	.087	.087	5	45.4
1934	9.416	.005	3	0	12950.	0.	12950.42	.667	577.0	1570.4	1565.1	528.3	.2	1.5	.0096	.087	.087	5	45.4
1935	9.421	.005	3	0	12928.	0.	12928.14	.666	577.1	1570.4	1565.1	528.5	.2	1.5	.0096	.087	.087	5	45.4
1936	9.426	.005	3	0	12906.	0.	12905.80	.665	577.3	1570.4	1565.1	528.7	.2	1.5	.0096	.088	.087	5	45.4

1937	9.431	.005	3	0	12883.	0.	12883.41	.664	577.5	1570.4	1565.1	528.9	.2	1.5	.0096	.088	.087	5	45.4
1938	9.436	.005	3	0	12859.	0.	12859.18	.663	577.7	1570.4	1565.1	529.0	.2	1.5	.0096	.088	.087	5	45.4
1939	9.441	.005	3	0	12837.	0.	12836.67	.662	577.8	1570.4	1565.1	529.2	.2	1.5	.0096	.088	.087	5	45.4
1940	9.446	.005	3	0	12814.	0.	12813.58	.661	578.0	1570.4	1565.1	529.4	.2	1.5	.0096	.086	.087	5	45.4
1941	9.451	.005	3	0	12791.	0.	12790.87	.659	578.2	1570.4	1565.1	529.6	.2	1.5	.0096	.086	.087	5	45.4
1942	9.456	.005	3	0	12769.	0.	12768.56	.658	578.4	1570.4	1565.1	529.7	.2	1.5	.0096	.086	.086	5	45.4
1943	9.461	.005	3	0	12748.	0.	12747.55	.657	578.5	1570.4	1565.1	529.9	.2	1.5	.0096	.086	.086	5	45.4
1944	9.466	.005	3	0	12725.	0.	12724.68	.656	578.7	1570.4	1565.1	530.1	.2	1.5	.0096	.086	.086	5	45.4
1945	9.471	.005	3	0	12702.	0.	12701.75	.655	578.9	1570.4	1565.1	530.2	.2	1.5	.0096	.086	.086	5	45.4
1946	9.476	.005	3	0	12679.	0.	12678.78	.654	579.1	1570.4	1565.1	530.4	.2	1.5	.0096	.086	.086	5	45.4
1947	9.481	.005	3	0	12655.	0.	12655.74	.653	579.2	1570.4	1565.1	530.6	.2	1.5	.0096	.086	.086	5	45.4
1948	9.486	.005	3	0	12633.	0.	12633.08	.652	579.4	1570.4	1565.1	530.8	.2	1.5	.0096	.086	.086	5	45.4
1949	9.491	.005	3	0	12612.	0.	12611.76	.651	579.6	1570.4	1565.1	530.9	.2	1.5	.0096	.086	.085	5	45.4
1950	9.496	.005	3	0	12588.	0.	12588.48	.649	579.7	1570.4	1565.1	531.1	.2	1.5	.0096	.084	.086	5	45.4
1951	9.501	.005	3	0	12567.	0.	12567.42	.648	579.9	1570.4	1565.1	531.3	.2	1.5	.0096	.084	.086	5	45.4
1952	9.506	.005	3	0	12544.	0.	12544.02	.647	580.1	1570.4	1565.1	531.4	.2	1.5	.0096	.084	.084	5	45.4
1953	9.511	.005	3	0	12521.	0.	12521.01	.646	580.2	1570.4	1565.1	531.6	.2	1.5	.0096	.084	.084	5	45.4
1954	9.516	.005	3	0	12499.	0.	12499.36	.645	580.4	1570.4	1565.1	531.8	.2	1.5	.0096	.085	.084	5	45.4
1955	9.521	.005	3	0	12476.	0.	12476.23	.644	580.6	1570.4	1565.1	532.0	.2	1.5	.0096	.085	.084	5	45.4
1956	9.526	.005	3	0	12454.	0.	12454.48	.643	580.8	1570.4	1565.1	532.1	.2	1.5	.0096	.085	.084	5	45.4
1957	9.531	.005	3	0	12433.	0.	12433.11	.642	580.9	1570.4	1565.1	532.3	.2	1.5	.0096	.085	.084	5	45.4
1958	9.536	.005	3	0	12409.	0.	12409.38	.641	581.1	1570.4	1565.1	532.5	.2	1.5	.0096	.085	.084	5	45.4
1959	9.541	.005	3	0	12388.	0.	12387.91	.640	581.3	1570.3	1565.1	532.6	.2	1.5	.0096	.083	.084	5	45.4
1960	9.546	.005	3	0	12366.	0.	12366.31	.639	581.4	1570.3	1565.1	532.8	.2	1.4	.0096	.083	.084	5	45.4
1961	9.551	.005	3	0	12343.	0.	12342.78	.637	581.6	1570.3	1565.1	533.0	.2	1.4	.0096	.083	.083	5	45.4
1962	9.556	.005	3	0	12321.	0.	12320.65	.636	581.8	1570.3	1565.1	533.1	.2	1.4	.0096	.083	.083	5	45.4
1963	9.561	.005	3	0	12299.	0.	12298.90	.635	581.9	1570.3	1565.1	533.3	.2	1.4	.0096	.083	.083	5	45.4
1964	9.566	.005	3	0	12277.	0.	12277.09	.634	582.1	1570.3	1565.1	533.5	.2	1.4	.0096	.083	.083	5	45.4
1965	9.571	.005	3	0	12255.	0.	12255.24	.633	582.3	1570.3	1565.1	533.6	.2	1.4	.0096	.083	.083	5	45.4
1966	9.576	.005	3	0	12233.	0.	12233.35	.632	582.4	1570.3	1565.1	533.8	.2	1.4	.0096	.083	.083	5	45.4
1967	9.581	.005	3	0	12209.	0.	12209.48	.631	582.6	1570.3	1565.1	534.0	.2	1.4	.0096	.083	.083	5	45.4
1968	9.586	.005	3	0	12187.	0.	12187.47	.630	582.8	1570.3	1565.1	534.1	.2	1.4	.0096	.083	.083	5	45.4
1969	9.591	.005	3	0	12165.	0.	12165.34	.629	582.9	1570.3	1565.1	534.3	.2	1.4	.0096	.082	.083	5	45.4
1970	9.596	.005	3	0	12143.	0.	12143.16	.628	583.1	1570.3	1565.1	534.4	.2	1.4	.0096	.082	.083	5	45.4
1971	9.601	.005	3	0	12123.	0.	12122.87	.627	583.2	1570.3	1565.1	534.6	.2	1.4	.0096	.082	.081	5	45.4
1972	9.606	.005	3	0	12101.	0.	12100.59	.625	583.4	1570.3	1565.1	534.8	.2	1.4	.0096	.082	.081	5	45.4
1973	9.611	.005	3	0	12078.	0.	12078.26	.624	583.6	1570.3	1565.1	534.9	.2	1.4	.0096	.082	.081	5	45.4
1974	9.616	.005	3	0	12056.	0.	12055.89	.623	583.7	1570.3	1565.1	535.1	.2	1.4	.0096	.082	.081	5	45.4
1975	9.621	.005	3	0	12033.	0.	12033.46	.622	583.9	1570.3	1565.1	535.3	.2	1.4	.0096	.082	.081	5	45.4
1976	9.626	.005	3	0	12011.	0.	12010.98	.621	584.1	1570.3	1565.1	535.4	.2	1.4	.0096	.082	.081	5	45.4
1977	9.631	.005	3	0	11988.	0.	11988.45	.620	584.2	1570.3	1565.1	535.6	.2	1.4	.0096	.082	.081	5	45.4
1978	9.636	.005	3	0	11968.	0.	11968.26	.619	584.4	1570.3	1565.1	535.8	.2	1.4	.0096	.082	.081	5	45.4
1979	9.641	.005	3	0	11946.	0.	11945.56	.618	584.5	1570.3	1565.1	535.9	.2	1.4	.0096	.080	.081	5	45.4
1980	9.646	.005	3	0	11923.	0.	11922.81	.617	584.7	1570.3	1565.1	536.1	.2	1.4	.0096	.080	.080	5	45.4
1981	9.651	.005	3	0	11900.	0.	11900.43	.616	584.9	1570.3	1565.1	536.2	.2	1.4	.0096	.080	.080	5	45.4
1982	9.656	.005	3	0	11880.	0.	11879.56	.615	585.0	1570.3	1565.1	536.4	.2	1.4	.0096	.080	.080	5	45.4
1983	9.661	.005	3	0	11857.	0.	11856.66	.613	585.2	1570.3	1565.1	536.6	.2	1.4	.0096	.080	.080	5	45.4
1984	9.666	.005	3	0	11836.	0.	11836.13	.612	585.3	1570.3	1565.1	536.7	.2	1.4	.0096	.080	.080	5	45.4
1985	9.671	.005	3	0	11813.	0.	11813.13	.611	585.5	1570.3	1565.1	536.9	.2	1.4	.0096	.080	.080	5	45.4
1986	9.676	.005	3	0	11790.	0.	11790.50	.610	585.7	1570.3	1565.1	537.0	.2	1.4	.0096	.080	.080	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1987	9.681	.005	3	0	11769.	0.	11769.40	.609	585.8	1570.3	1565.1	537.2	.2	1.4	.0096	.080	.080	5	45.4
1988	9.686	.005	3	0	11746.	0.	11746.19	.608	586.0	1570.3	1565.1	537.4	.2	1.4	.0096	.079	.080	5	45.4
1989	9.691	.005	3	0	11725.	0.	11725.35	.607	586.1	1570.3	1565.1	537.5	.2	1.4	.0096	.079	.080	5	45.4
1990	9.696	.005	3	0	11702.	0.	11702.46	.606	586.3	1570.3	1565.1	537.7	.2	1.4	.0096	.079	.079	5	45.4
1991	9.701	.005	3	0	11681.	0.	11681.11	.605	586.5	1570.3	1565.1	537.8	.2	1.4	.0096	.079	.079	5	45.4

1992	9.706	.005	3	0	11660.	0.	11660.14	.604	586.6	1570.3	1565.1	538.0	.2	1.4	.0096	.079	.079	5	45.4
1993	9.711	.005	3	0	11637.	0.	11636.68	.602	586.8	1570.3	1565.1	538.1	.2	1.4	.0096	.079	.079	5	45.4
1994	9.716	.005	3	0	11615.	0.	11615.62	.601	586.9	1570.3	1565.1	538.3	.2	1.4	.0096	.079	.079	5	45.4
1995	9.721	.005	3	0	11595.	0.	11594.51	.600	587.1	1570.3	1565.1	538.5	.2	1.4	.0096	.079	.079	5	45.4
1996	9.726	.005	3	0	11571.	0.	11570.90	.599	587.2	1570.3	1565.1	538.6	.2	1.4	.0096	.079	.079	5	45.4
1997	9.731	.005	3	0	11550.	0.	11549.64	.598	587.4	1570.3	1565.1	538.8	.2	1.4	.0096	.077	.079	5	45.4
1998	9.736	.005	3	0	11528.	0.	11528.32	.597	587.6	1570.3	1565.1	538.9	.2	1.4	.0096	.077	.079	5	45.4
1999	9.741	.005	3	0	11507.	0.	11506.97	.596	587.7	1570.3	1565.1	539.1	.2	1.4	.0096	.077	.077	5	45.4
2000	9.746	.005	3	0	11483.	0.	11483.10	.595	587.9	1570.3	1565.1	539.2	.2	1.4	.0096	.077	.077	5	45.4
2001	9.751	.005	3	0	11462.	0.	11461.66	.594	588.0	1570.3	1565.1	539.4	.2	1.4	.0096	.077	.077	5	45.4
2002	9.756	.005	3	0	11440.	0.	11440.16	.593	588.2	1570.3	1565.1	539.5	.2	1.4	.0096	.077	.077	5	45.4
2003	9.761	.005	3	0	11419.	0.	11418.63	.592	588.3	1570.3	1565.1	539.7	.2	1.4	.0096	.077	.077	5	45.4
2004	9.766	.005	3	0	11397.	0.	11397.05	.591	588.5	1570.3	1565.1	539.9	.2	1.4	.0096	.077	.077	5	45.4
2005	9.771	.005	3	0	11375.	0.	11375.43	.589	588.6	1570.3	1565.1	540.0	.2	1.4	.0096	.077	.077	5	45.4
2006	9.776	.005	3	0	11354.	0.	11353.75	.588	588.8	1570.3	1565.1	540.2	.2	1.4	.0096	.077	.077	5	45.4
2007	9.781	.005	3	0	11330.	0.	11329.88	.587	589.0	1570.3	1565.1	540.3	.2	1.3	.0096	.076	.077	5	45.4
2008	9.786	.005	3	0	11308.	0.	11308.06	.586	589.1	1570.3	1565.1	540.5	.2	1.3	.0096	.076	.076	5	45.4
2009	9.791	.005	3	0	11288.	0.	11288.29	.585	589.3	1570.3	1565.1	540.6	.2	1.3	.0096	.076	.076	5	45.4
2010	9.796	.005	3	0	11266.	0.	11266.38	.584	589.4	1570.3	1565.1	540.8	.2	1.3	.0096	.076	.076	5	45.4
2011	9.801	.005	3	0	11244.	0.	11244.42	.583	589.6	1570.3	1565.1	540.9	.2	1.3	.0096	.076	.076	5	45.4
2012	9.806	.005	3	0	11222.	0.	11222.43	.582	589.7	1570.3	1565.1	541.1	.2	1.3	.0096	.076	.076	5	45.4
2013	9.811	.005	3	0	11200.	0.	11200.38	.581	589.9	1570.3	1565.1	541.2	.2	1.3	.0096	.076	.076	5	45.4
2014	9.816	.005	3	0	11178.	0.	11178.29	.580	590.0	1570.3	1565.1	541.4	.2	1.3	.0096	.076	.076	5	45.4
2015	9.821	.005	3	0	11156.	0.	11156.16	.579	590.2	1570.3	1565.1	541.5	.2	1.3	.0096	.076	.076	5	45.4
2016	9.826	.005	3	0	11134.	0.	11133.92	.577	590.3	1570.3	1565.1	541.7	.1	1.3	.0096	.075	.076	5	45.4
2017	9.831	.005	3	0	11112.	0.	11111.63	.576	590.5	1570.3	1565.1	541.8	.1	1.3	.0096	.075	.074	5	45.4
2018	9.836	.005	3	0	11090.	0.	11089.70	.575	590.6	1570.3	1565.1	542.0	.1	1.3	.0096	.075	.074	5	45.4
2019	9.841	.005	3	0	11069.	0.	11069.47	.574	590.8	1570.3	1565.1	542.1	.1	1.3	.0096	.075	.074	5	45.4
2020	9.846	.005	3	0	11047.	0.	11047.05	.573	590.9	1570.3	1565.1	542.3	.1	1.3	.0096	.075	.074	5	45.4
2021	9.851	.005	3	0	11025.	0.	11024.58	.572	591.1	1570.3	1565.1	542.4	.1	1.3	.0096	.075	.074	5	45.4
2022	9.856	.005	3	0	11005.	0.	11004.63	.571	591.2	1570.3	1565.1	542.6	.1	1.3	.0096	.075	.075	5	45.4
2023	9.861	.005	3	0	10982.	0.	10982.08	.570	591.4	1570.3	1565.1	542.7	.1	1.3	.0096	.075	.075	5	45.4
2024	9.866	.005	3	0	10959.	0.	10959.49	.569	591.5	1570.3	1565.1	542.9	.1	1.3	.0096	.075	.075	5	45.4
2025	9.871	.005	3	0	10939.	0.	10939.35	.568	591.7	1570.3	1565.1	543.0	.1	1.3	.0096	.073	.075	5	45.4
2026	9.876	.005	3	0	10917.	0.	10916.61	.567	591.8	1570.3	1565.1	543.2	.1	1.3	.0096	.073	.073	5	45.4
2027	9.881	.005	3	0	10894.	0.	10893.82	.565	592.0	1570.3	1565.1	543.3	.1	1.3	.0096	.073	.073	5	45.4
2028	9.886	.005	3	0	10874.	0.	10873.57	.564	592.1	1570.3	1565.1	543.5	.1	1.3	.0096	.073	.073	5	45.4
2029	9.891	.005	3	0	10851.	0.	10850.70	.563	592.2	1570.3	1565.1	543.6	.1	1.3	.0096	.073	.073	5	45.4
2030	9.896	.005	3	0	10830.	0.	10830.37	.562	592.4	1570.3	1565.1	543.8	.1	1.3	.0096	.073	.073	5	45.4
2031	9.901	.005	3	0	10807.	0.	10807.40	.561	592.5	1570.3	1565.1	543.9	.1	1.3	.0096	.073	.073	5	45.4
2032	9.906	.005	3	0	10787.	0.	10786.99	.560	592.7	1570.3	1565.1	544.1	.1	1.3	.0096	.073	.073	5	45.4
2033	9.911	.005	3	0	10764.	0.	10763.94	.559	592.8	1570.3	1565.1	544.2	.1	1.3	.0096	.073	.073	5	45.4
2034	9.916	.005	3	0	10743.	0.	10743.39	.558	593.0	1570.3	1565.1	544.3	.1	1.3	.0096	.072	.073	5	45.4
2035	9.921	.005	3	0	10720.	0.	10720.19	.557	593.1	1570.3	1565.1	544.5	.1	1.3	.0096	.072	.072	5	45.4
2036	9.926	.005	3	0	10700.	0.	10699.57	.556	593.3	1570.3	1565.1	544.6	.1	1.3	.0096	.072	.072	5	45.4
2037	9.931	.005	3	0	10676.	0.	10676.28	.555	593.4	1570.3	1565.1	544.8	.1	1.3	.0096	.072	.072	5	45.4
2038	9.936	.005	3	0	10656.	0.	10655.57	.554	593.6	1570.3	1565.1	544.9	.1	1.3	.0096	.072	.072	5	45.4
2039	9.941	.005	3	0	10635.	0.	10634.82	.552	593.7	1570.2	1565.1	545.1	.1	1.3	.0096	.072	.072	5	45.4
2040	9.946	.005	3	0	10611.	0.	10611.41	.551	593.8	1570.2	1565.1	545.2	.1	1.3	.0096	.072	.072	5	45.4
2041	9.951	.005	3	0	10591.	0.	10590.58	.550	594.0	1570.2	1565.1	545.4	.1	1.3	.0096	.072	.072	5	45.4
2042	9.956	.005	3	0	10570.	0.	10569.71	.549	594.1	1570.2	1565.1	545.5	.1	1.3	.0096	.072	.072	5	45.4
2043	9.961	.005	3	0	10546.	0.	10546.12	.548	594.3	1570.2	1565.1	545.6	.1	1.3	.0096	.071	.072	5	45.4
2044	9.966	.005	3	0	10525.	0.	10525.11	.547	594.4	1570.2	1565.1	545.8	.1	1.3	.0096	.071	.071	5	45.4
2045	9.971	.005	3	0	10504.	0.	10504.07	.546	594.6	1570.2	1565.1	545.9	.1	1.3	.0096	.071	.071	5	45.4
2046	9.976	.005	3	0	10481.	0.	10480.72	.545	594.7	1570.2	1565.1	546.1	.1	1.3	.0096	.071	.071	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG

2047	9.981	.005	3	0	10459.	0.	10459.22	.544	594.8	1570.2	1565.1	546.2	.1	1.3	.0096	.071	.071	5	45.4
2048	9.986	.005	3	0	10438.	0.	10438.06	.543	595.0	1570.2	1565.1	546.3	.1	1.3	.0096	.071	.071	5	45.4
2049	9.991	.005	3	0	10417.	0.	10416.85	.542	595.1	1570.2	1565.1	546.5	.1	1.3	.0096	.071	.071	5	45.4
2050	9.996	.005	3	0	10396.	0.	10395.61	.540	595.3	1570.2	1565.1	546.6	.1	1.3	.0096	.071	.071	5	45.4
2051	10.001	.005	3	0	10374.	0.	10374.28	.539	595.4	1570.2	1565.1	546.8	.1	1.3	.0096	.069	.071	5	45.4
2052	10.006	.005	3	0	10353.	0.	10352.91	.538	595.5	1570.2	1565.1	546.9	.1	1.3	.0096	.069	.071	5	45.4
2053	10.011	.005	3	0	10329.	0.	10329.20	.537	595.7	1570.2	1565.1	547.0	.1	1.3	.0096	.070	.069	5	45.4
2054	10.016	.095	3	0	10307.	0.	10307.38	.536	595.8	1570.2	1565.1	547.2	.1	1.3	.0096	.070	.069	5	45.4
2055	10.021	.005	3	0	10286.	0.	10285.89	.535	596.0	1570.2	1565.1	547.3	.1	1.3	.0096	.070	.069	5	45.4
2056	10.026	.005	3	0	10264.	0.	10264.36	.534	596.1	1570.2	1565.1	547.5	.1	1.3	.0096	.070	.069	5	45.4
2057	10.031	.005	3	0	10243.	0.	10242.79	.533	596.2	1570.2	1565.1	547.6	.1	1.3	.0096	.070	.069	5	45.4
2058	10.036	.005	3	0	10221.	0.	10221.18	.532	596.4	1570.2	1565.1	547.7	.1	1.3	.0096	.070	.069	5	45.4
2059	10.041	.005	3	0	10200.	0.	10199.53	.531	596.5	1570.2	1565.1	547.9	.1	1.3	.0096	.070	.069	5	45.4
2060	10.046	.005	3	0	10178.	0.	10177.80	.530	596.7	1570.2	1565.1	548.0	.1	1.3	.0096	.068	.069	5	45.4
2061	10.051	.005	3	0	10156.	0.	10156.38	.528	596.8	1570.2	1565.1	548.2	.1	1.3	.0096	.068	.068	5	45.4
2062	10.056	.005	3	0	10135.	0.	10134.57	.527	596.9	1570.2	1565.1	548.3	.1	1.3	.0096	.068	.068	5	45.4
2063	10.061	.005	3	0	10115.	0.	10115.06	.526	597.1	1570.2	1565.1	548.4	.1	1.3	.0096	.068	.068	5	45.4
2064	10.066	.005	3	0	10093.	0.	10093.16	.525	597.2	1570.2	1565.1	548.6	.1	1.3	.0096	.068	.068	5	45.4
2065	10.071	.005	3	0	10071.	0.	10071.24	.524	597.3	1570.2	1565.1	548.7	.1	1.3	.0096	.068	.068	5	45.4
2066	10.076	.005	3	0	10049.	0.	10049.27	.523	597.5	1570.2	1565.1	548.8	.1	1.3	.0096	.068	.068	5	45.4
2067	10.081	.005	3	0	10027.	0.	10027.26	.522	597.6	1570.2	1565.1	549.0	.1	1.3	.0096	.068	.068	5	45.4
2068	10.086	.005	3	0	10005.	0.	10005.17	.521	597.7	1570.2	1565.1	549.1	.1	1.2	.0096	.067	.068	5	45.4
2069	10.091	.005	3	0	9983.	0.	9983.03	.520	597.9	1570.2	1565.1	549.2	.1	1.2	.0096	.067	.068	5	45.4
2070	10.096	.005	3	0	9964.	0.	9963.59	.519	598.0	1570.2	1565.1	549.4	.1	1.2	.0096	.067	.067	5	45.4
2071	10.101	.005	3	0	9941.	0.	9941.38	.518	598.1	1570.2	1565.1	549.5	.1	1.2	.0096	.067	.067	5	45.4
2072	10.106	.005	3	0	9919.	0.	9919.13	.517	598.3	1570.2	1565.1	549.6	.1	1.2	.0096	.067	.067	5	45.4
2073	10.111	.005	3	0	9897.	0.	9896.84	.515	598.4	1570.2	1565.1	549.8	.1	1.2	.0096	.067	.067	5	45.4
2074	10.116	.005	3	0	9875.	0.	9874.86	.514	598.5	1570.2	1565.1	549.9	.1	1.2	.0096	.067	.067	5	45.4
2075	10.121	.005	3	0	9855.	0.	9854.89	.513	598.7	1570.2	1565.1	550.0	.1	1.2	.0096	.067	.067	5	45.4
2076	10.126	.005	3	0	9832.	0.	9832.49	.512	598.8	1570.2	1565.1	550.2	.1	1.2	.0096	.067	.067	5	45.4
2077	10.131	.005	3	0	9810.	0.	9810.35	.511	598.9	1570.2	1565.1	550.3	.1	1.2	.0096	.066	.067	5	45.4
2078	10.136	.005	3	0	9790.	0.	9790.23	.510	599.1	1570.2	1565.1	550.4	.1	1.2	.0096	.066	.066	5	45.4
2079	10.141	.005	3	0	9768.	0.	9767.67	.509	599.2	1570.2	1565.1	550.6	.1	1.2	.0096	.066	.066	5	45.4
2080	10.146	.005	3	0	9745.	0.	9745.40	.508	599.3	1570.2	1565.1	550.7	.1	1.2	.0096	.066	.066	5	45.4
2081	10.151	.005	3	0	9725.	0.	9725.19	.507	599.5	1570.2	1565.1	550.8	.1	1.2	.0096	.066	.066	5	45.4
2082	10.156	.005	3	0	9703.	0.	9702.50	.506	599.6	1570.2	1565.1	551.0	.1	1.2	.0096	.066	.066	5	45.4
2083	10.161	.005	3	0	9683.	0.	9682.56	.505	599.7	1570.2	1565.1	551.1	.1	1.2	.0096	.066	.066	5	45.4
2084	10.166	.005	3	0	9660.	0.	9659.80	.503	599.9	1570.2	1565.1	551.2	.1	1.2	.0096	.066	.066	5	45.4
2085	10.171	.005	3	0	9640.	0.	9639.75	.502	600.0	1570.2	1565.1	551.4	.1	1.2	.0096	.065	.066	5	45.4
2086	10.176	.005	3	0	9617.	0.	9616.87	.501	600.1	1570.2	1565.1	551.5	.1	1.2	.0096	.065	.064	5	45.4
2087	10.181	.005	3	0	9594.	0.	9594.29	.500	600.3	1570.2	1565.1	551.6	.1	1.2	.0096	.065	.064	5	45.4
2088	10.186	.005	3	0	9574.	0.	9573.79	.499	600.4	1570.2	1565.1	551.8	.1	1.2	.0096	.065	.064	5	45.4
2089	10.191	.005	3	0	9551.	0.	9551.14	.498	600.5	1570.2	1565.1	551.9	.1	1.2	.0096	.065	.064	5	45.4
2090	10.196	.005	3	0	9531.	0.	9530.57	.497	600.6	1570.2	1565.1	552.0	.1	1.2	.0096	.065	.064	5	45.4
2091	10.201	.005	3	0	9510.	0.	9510.31	.496	600.8	1570.2	1565.1	552.1	.1	1.2	.0096	.065	.064	5	45.4
2092	10.206	.005	3	0	9487.	0.	9487.20	.495	600.9	1570.2	1565.1	552.3	.1	1.2	.0096	.065	.064	5	45.4
2093	10.211	.005	3	0	9467.	0.	9466.83	.494	601.0	1570.2	1565.1	552.4	.1	1.2	.0096	.063	.064	5	45.4
2094	10.216	.005	3	0	9444.	0.	9443.59	.493	601.2	1570.2	1565.1	552.5	.1	1.2	.0096	.063	.063	5	45.4
2095	10.221	.005	3	0	9423.	0.	9423.15	.492	601.3	1570.2	1565.1	552.7	.1	1.2	.0096	.063	.063	5	45.4
2096	10.226	.005	3	0	9400.	0.	9400.19	.490	601.4	1570.2	1565.1	552.8	.1	1.2	.0096	.063	.063	5	45.4
2097	10.231	.005	3	0	9379.	0.	9379.34	.489	601.5	1570.2	1565.1	552.9	.1	1.2	.0096	.063	.063	5	45.4
2098	10.236	.005	3	0	9359.	0.	9358.79	.488	601.7	1570.2	1565.1	553.0	.1	1.2	.0096	.063	.063	5	45.4
2099	10.241	.005	3	0	9336.	0.	9335.71	.487	601.8	1570.2	1565.1	553.2	.1	1.2	.0096	.063	.063	5	45.4
2100	10.246	.005	3	0	9315.	0.	9314.76	.486	601.9	1570.2	1565.1	553.3	.1	1.2	.0096	.063	.063	5	45.4
2101	10.251	.005	3	0	9294.	0.	9294.07	.485	602.0	1570.2	1565.1	553.4	.1	1.2	.0096	.062	.063	5	45.4
2102	10.256	.005	3	0	9273.	0.	9273.35	.484	602.2	1570.2	1565.1	553.5	.1	1.2	.0096	.062	.063	5	45.4
2103	10.261	.005	3	0	9250.	0.	9249.74	.483	602.3	1570.2	1565.1	553.7	.1	1.2	.0096	.062	.062	5	45.4
2104	10.266	.005	3	0	9229.	0.	9228.95	.482	602.4	1570.2	1565.1	553.8	.1	1.2	.0096	.062	.062	5	45.4
2105	10.271	.005	3	0	9208.	0.	9208.13	.481	602.5	1570.2	1565.1	553.9	.1	1.2	.0096	.062	.062	5	45.4
2106	10.276	.005	3	0	9187.	0.	9187.27	.480	602.7	1570.2	1565.1	554.0	.1	1.2	.0096	.062	.062	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2107	10.281	.005	3	0	9164.	0.	9163.51	.478	602.8	1570.2	1565.1	554.2	.1	1.2	.0096	.062	.062	5	45.4
2108	10.286	.005	3	0	9143.	0.	9142.58	.477	602.9	1570.2	1565.1	554.3	.1	1.2	.0096	.062	.062	5	45.4
2109	10.291	.005	3	0	9122.	0.	9121.58	.476	603.0	1570.2	1565.1	554.4	.1	1.2	.0096	.061	.062	5	45.4
2110	10.296	.005	3	0	9101.	0.	9100.54	.475	603.2	1570.2	1565.1	554.5	.1	1.2	.0096	.061	.061	5	45.4
2111	10.301	.005	3	0	9079.	0.	9079.48	.474	603.3	1570.2	1565.1	554.6	.1	1.2	.0096	.061	.061	5	45.4
2112	10.306	.005	3	0	9056.	0.	9055.82	.473	603.4	1570.2	1565.1	554.8	.1	1.2	.0096	.061	.061	5	45.4
2113	10.311	.005	3	0	9034.	0.	9034.36	.472	603.5	1570.2	1565.1	554.9	.1	1.2	.0096	.061	.061	5	45.4
2114	10.316	.005	3	0	9013.	0.	9013.18	.471	603.6	1570.2	1565.1	555.0	.1	1.2	.0096	.061	.061	5	45.4
2115	10.321	.005	3	0	8992.	0.	8991.98	.470	603.8	1570.2	1565.1	555.1	.1	1.2	.0096	.061	.061	5	45.4
2116	10.326	.005	3	0	8971.	0.	8970.75	.469	603.9	1570.2	1565.1	555.3	.1	1.2	.0096	.061	.061	5	45.4
2117	10.331	.005	3	0	8949.	0.	8949.44	.468	604.0	1570.2	1565.1	555.4	.1	1.2	.0096	.060	.061	5	45.4
2118	10.336	.005	3	0	8928.	0.	8928.09	.467	604.1	1570.2	1565.1	555.5	.1	1.2	.0096	.060	.060	5	45.4
2119	10.341	.005	3	0	8907.	0.	8906.72	.465	604.3	1570.2	1565.1	555.6	.1	1.2	.0096	.060	.060	5	45.4
2120	10.346	.005	3	0	8885.	0.	8885.31	.464	604.4	1570.2	1565.1	555.7	.1	1.2	.0096	.060	.060	5	45.4
2121	10.351	.005	3	0	8864.	0.	8863.87	.463	604.5	1570.2	1565.1	555.9	.1	1.2	.0096	.060	.060	5	45.4
2122	10.356	.005	3	0	8842.	0.	8842.39	.462	604.6	1570.2	1565.1	556.0	.1	1.2	.0096	.060	.060	5	45.4
2123	10.361	.005	3	0	8821.	0.	8820.88	.461	604.7	1570.2	1565.1	556.1	.1	1.2	.0096	.060	.060	5	45.4
2124	10.366	.005	3	0	8799.	0.	8799.31	.460	604.9	1570.2	1565.1	556.2	.1	1.1	.0096	.059	.060	5	45.4
2125	10.371	.005	3	0	8778.	0.	8777.69	.459	605.0	1570.2	1565.1	556.3	.1	1.1	.0096	.059	.060	5	45.4
2126	10.376	.005	3	0	8756.	0.	8756.04	.458	605.1	1570.2	1565.1	556.5	.1	1.1	.0096	.059	.059	5	45.4
2127	10.381	.005	3	0	8734.	0.	8734.36	.457	605.2	1570.2	1565.1	556.6	.1	1.1	.0096	.059	.059	5	45.4
2128	10.386	.005	3	0	8713.	0.	8712.65	.456	605.3	1570.2	1565.1	556.7	.1	1.1	.0096	.059	.059	5	45.4
2129	10.391	.005	3	0	8691.	0.	8690.91	.455	605.4	1570.2	1565.1	556.8	.1	1.1	.0096	.059	.059	5	45.4
2130	10.396	.005	3	0	8669.	0.	8669.12	.453	605.6	1570.2	1565.1	556.9	.1	1.1	.0096	.059	.059	5	45.4
2131	10.401	.005	3	0	8648.	0.	8647.62	.452	605.7	1570.2	1565.1	557.0	.1	1.1	.0096	.059	.059	5	45.4
2132	10.406	.005	3	0	8628.	0.	8628.38	.451	605.8	1570.2	1565.1	557.2	.1	1.1	.0096	.058	.059	5	45.4
2133	10.411	.005	3	0	8606.	0.	8606.48	.450	605.9	1570.2	1565.1	557.3	.1	1.1	.0096	.058	.058	5	45.4
2134	10.416	.005	3	0	8585.	0.	8584.52	.449	606.0	1570.1	1565.1	557.4	.1	1.1	.0096	.058	.058	5	45.4
2135	10.421	.005	3	0	8563.	0.	8562.54	.448	606.1	1570.1	1565.1	557.5	.1	1.1	.0096	.058	.058	5	45.4
2136	10.426	.005	3	0	8541.	0.	8540.53	.447	606.3	1570.1	1565.1	557.6	.1	1.1	.0096	.058	.058	5	45.4
2137	10.431	.005	3	0	8521.	0.	8521.46	.446	606.4	1570.1	1565.1	557.7	.1	1.1	.0096	.058	.058	5	45.4
2138	10.436	.005	3	0	8499.	0.	8499.38	.445	606.5	1570.1	1565.1	557.9	.1	1.1	.0096	.058	.058	5	45.4
2139	10.441	.005	3	0	8477.	0.	8477.23	.444	606.6	1570.1	1565.1	558.0	.1	1.1	.0096	.057	.058	5	45.4
2140	10.446	.005	3	0	8455.	0.	8455.05	.443	606.7	1570.1	1565.1	558.1	.1	1.1	.0096	.057	.058	5	45.4
2141	10.451	.005	3	0	8433.	0.	8433.15	.441	606.8	1570.1	1565.1	558.2	.1	1.1	.0096	.057	.057	5	45.4
2142	10.456	.005	3	0	8414.	0.	8413.59	.440	606.9	1570.1	1565.1	558.3	.1	1.1	.0096	.057	.057	5	45.4
2143	10.461	.005	3	0	8391.	0.	8391.31	.439	607.1	1570.1	1565.1	558.4	.1	1.1	.0096	.057	.057	5	45.4
2144	10.466	.005	3	0	8369.	0.	8369.00	.438	607.2	1570.1	1565.1	558.5	.1	1.1	.0096	.057	.057	5	45.4
2145	10.471	.005	3	0	8350.	0.	8349.66	.437	607.3	1570.1	1565.1	558.6	.1	1.1	.0096	.057	.057	5	45.4
2146	10.476	.005	3	0	8327.	0.	8327.28	.436	607.4	1570.1	1565.1	558.8	.1	1.1	.0096	.057	.057	5	45.4
2147	10.481	.005	3	0	8305.	0.	8304.84	.435	607.5	1570.1	1565.1	558.9	.1	1.1	.0096	.056	.057	5	45.4
2148	10.486	.005	3	0	8285.	0.	8285.38	.434	607.6	1570.1	1565.1	559.0	.1	1.1	.0096	.056	.056	5	45.4
2149	10.491	.005	3	0	8263.	0.	8262.87	.433	607.7	1570.1	1565.1	559.1	.1	1.1	.0096	.056	.056	5	45.4
2150	10.496	.005	3	0	8240.	0.	8240.34	.432	607.8	1570.1	1565.1	559.2	.1	1.1	.0096	.056	.056	5	45.4
2151	10.501	.005	3	0	8221.	0.	8220.79	.431	608.0	1570.1	1565.1	559.3	.1	1.1	.0096	.056	.056	5	45.4
2152	10.506	.005	3	0	8198.	0.	8198.18	.430	608.1	1570.1	1565.1	559.4	.1	1.1	.0096	.056	.056	5	45.4
2153	10.511	.005	3	0	8179.	0.	8178.57	.429	608.2	1570.1	1565.1	559.5	.1	1.1	.0096	.056	.056	5	45.4
2154	10.516	.005	3	0	8156.	0.	8155.87	.427	608.3	1570.1	1565.1	559.7	.1	1.1	.0096	.055	.056	5	45.4
2155	10.521	.005	3	0	8133.	0.	8133.14	.426	608.4	1570.1	1565.1	559.8	.1	1.1	.0096	.055	.054	5	45.4
2156	10.526	.005	3	0	8113.	0.	8113.42	.425	608.5	1570.1	1565.1	559.9	.1	1.1	.0096	.055	.054	5	45.4
2157	10.531	.005	3	0	8091.	0.	8090.61	.424	608.6	1570.1	1565.1	560.0	.1	1.1	.0096	.055	.054	5	45.4
2158	10.536	.005	3	0	8071.	0.	8070.83	.423	608.7	1570.1	1565.1	560.1	.1	1.1	.0096	.055	.055	5	45.4
2159	10.541	.005	3	0	8048.	0.	8047.97	.422	608.8	1570.1	1565.1	560.2	.1	1.1	.0096	.055	.055	5	45.4
2160	10.546	.005	3	0	8028.	0.	8028.13	.421	608.9	1570.1	1565.1	560.3	.1	1.1	.0096	.055	.055	5	45.4
2161	10.551	.005	3	0	8005.	0.	8005.17	.420	609.0	1570.1	1565.1	560.4	.1	1.1	.0096	.054	.055	5	45.4

2162	10.556	.005	3	0	7985.	0.	7985.25	.419	609.2	1570.1	1565.1	560.5	.1	1.1	.0096	.054	.053	5	45.4
2163	10.561	.005	3	0	7962.	0.	7962.22	.418	609.3	1570.1	1565.1	560.6	.1	1.1	.0096	.054	.053	5	45.4
2164	10.566	.005	3	0	7942.	0.	7942.23	.417	609.4	1570.1	1565.1	560.7	.1	1.1	.0096	.054	.053	5	45.4
2165	10.571	.005	3	0	7919.	0.	7919.15	.415	609.5	1570.1	1565.1	560.8	.1	1.1	.0096	.054	.053	5	45.4
2166	10.576	.005	3	0	7899.	0.	7899.10	.414	609.6	1570.1	1565.1	561.0	.1	1.1	.0096	.054	.053	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2167	10.581	.005	3	0	7876.	0.	7876.23	.413	609.7	1570.1	1565.1	561.1	.1	1.1	.0096	.054	.053	5	45.4
2168	10.586	.005	3	0	7856.	0.	7855.82	.412	609.8	1570.1	1565.1	561.2	.1	1.1	.0096	.053	.053	5	45.4
2169	10.591	.005	3	0	7836.	0.	7835.66	.411	609.9	1570.1	1565.1	561.3	.1	1.1	.0096	.053	.052	5	45.4
2170	10.596	.005	3	0	7812.	0.	7812.38	.410	610.0	1570.1	1565.1	561.4	.1	1.1	.0096	.053	.052	5	45.4
2171	10.601	.005	3	0	7792.	0.	7792.17	.409	610.1	1570.1	1565.1	561.5	.1	1.1	.0096	.053	.052	5	45.4
2172	10.606	.005	3	0	7772.	0.	7771.93	.408	610.2	1570.1	1565.1	561.6	.1	1.1	.0096	.053	.052	5	45.4
2173	10.611	.005	3	0	7749.	0.	7748.55	.407	610.3	1570.1	1565.1	561.7	.1	1.1	.0096	.053	.052	5	45.4
2174	10.616	.005	3	0	7728.	0.	7728.25	.406	610.4	1570.1	1565.1	561.8	.1	1.1	.0096	.053	.052	5	45.4
2175	10.621	.005	3	0	7708.	0.	7707.90	.405	610.5	1570.1	1565.1	561.9	.1	1.0	.0096	.052	.052	5	45.4
2176	10.626	.005	3	0	7684.	0.	7684.40	.403	610.6	1570.1	1565.1	562.0	.1	1.0	.0096	.052	.051	5	45.4
2177	10.631	.005	3	0	7664.	0.	7663.99	.402	610.7	1570.1	1565.1	562.1	.1	1.0	.0096	.052	.051	5	45.4
2178	10.636	.005	3	0	7644.	0.	7643.55	.401	610.8	1570.1	1565.1	562.2	.1	1.0	.0096	.052	.051	5	45.4
2179	10.641	.005	3	0	7620.	0.	7619.96	.400	610.9	1570.1	1565.1	562.3	.1	1.0	.0096	.052	.052	5	45.4
2180	10.646	.005	3	0	7599.	0.	7599.46	.399	611.0	1570.1	1565.1	562.4	.1	1.0	.0096	.052	.052	5	45.4
2181	10.651	.005	3	0	7579.	0.	7578.93	.398	611.2	1570.1	1565.1	562.5	.1	1.0	.0096	.052	.052	5	45.4
2182	10.656	.005	3	0	7555.	0.	7555.49	.397	611.3	1570.1	1565.1	562.6	.1	1.0	.0096	.051	.052	5	45.4
2183	10.661	.005	3	0	7535.	0.	7534.60	.396	611.4	1570.1	1565.1	562.7	.1	1.0	.0096	.051	.051	5	45.4
2184	10.666	.005	3	0	7514.	0.	7513.96	.395	611.5	1570.1	1565.1	562.8	.1	1.0	.0096	.051	.051	5	45.4
2185	10.671	.005	3	0	7493.	0.	7493.30	.394	611.6	1570.1	1565.1	562.9	.1	1.0	.0096	.051	.051	5	45.4
2186	10.676	.005	3	0	7473.	0.	7472.61	.393	611.7	1570.1	1565.1	563.0	.1	1.0	.0096	.051	.051	5	45.4
2187	10.681	.005	3	0	7449.	0.	7449.00	.391	611.8	1570.1	1565.1	563.1	.1	1.0	.0096	.051	.051	5	45.4
2188	10.686	.005	3	0	7428.	0.	7427.95	.390	611.9	1570.1	1565.1	563.2	.1	1.0	.0096	.050	.051	5	45.4
2189	10.691	.005	3	0	7407.	0.	7407.15	.389	612.0	1570.1	1565.1	563.3	.1	1.0	.0096	.050	.050	5	45.4
2190	10.696	.005	3	0	7386.	0.	7386.32	.388	612.1	1570.1	1565.1	563.4	.1	1.0	.0096	.050	.050	5	45.4
2191	10.701	.005	3	0	7365.	0.	7365.46	.387	612.2	1570.1	1565.1	563.5	.1	1.0	.0096	.050	.050	5	45.4
2192	10.706	.005	3	0	7345.	0.	7344.57	.386	612.3	1570.1	1565.1	563.6	.1	1.0	.0096	.050	.050	5	45.4
2193	10.711	.005	3	0	7321.	0.	7320.75	.385	612.4	1570.1	1565.1	563.7	.1	1.0	.0096	.050	.050	5	45.4
2194	10.716	.005	3	0	7300.	0.	7299.54	.384	612.5	1570.1	1565.1	563.8	.1	1.0	.0096	.050	.050	5	45.4
2195	10.721	.005	3	0	7299.	0.	7298.94	.384	612.6	1570.1	1565.1	563.9	.1	1.0	.0096	.050	.050	5	45.4
2196	10.726	.005	3	0	7298.	0.	7298.34	.384	612.7	1570.1	1565.1	564.0	.1	1.0	.0096	.050	.050	5	45.4
2197	10.731	.005	3	0	7297.	0.	7297.20	.384	612.8	1570.1	1565.1	564.1	.1	1.0	.0096	.050	.050	5	45.4
2198	10.736	.005	3	0	7296.	0.	7296.30	.384	612.9	1570.1	1565.1	564.2	.1	1.0	.0096	.049	.050	5	45.4
2199	10.741	.005	3	0	7295.	0.	7294.87	.384	612.9	1570.1	1565.1	564.3	.1	1.0	.0096	.049	.050	5	45.4
2200	10.746	.005	3	0	7293.	0.	7293.44	.384	613.0	1570.1	1565.1	564.4	.1	1.0	.0096	.049	.050	5	45.4
2201	10.751	.005	3	0	7292.	0.	7292.00	.384	613.1	1570.1	1565.1	564.5	.1	1.0	.0096	.049	.050	5	45.4
2202	10.756	.005	3	0	7290.	0.	7290.30	.384	613.2	1570.1	1565.1	564.6	.1	1.0	.0096	.049	.050	5	45.4
2203	10.761	.005	3	0	7289.	0.	7288.60	.384	613.3	1570.1	1565.1	564.7	.1	1.0	.0096	.049	.050	5	45.4
2204	10.766	.005	3	0	7287.	0.	7286.62	.384	613.4	1570.1	1565.1	564.8	.1	1.0	.0096	.049	.050	5	45.4
2205	10.771	.005	3	0	7284.	0.	7284.38	.384	613.5	1570.1	1565.1	564.9	.1	1.0	.0096	.049	.050	5	45.4
2206	10.776	.005	3	0	7282.	0.	7282.14	.384	613.6	1570.1	1565.1	565.0	.1	1.0	.0096	.049	.050	5	45.4
2207	10.781	.005	3	0	7280.	0.	7279.63	.384	613.7	1570.1	1565.1	565.1	.1	1.0	.0096	.049	.050	5	45.4
2208	10.786	.005	3	0	7277.	0.	7277.11	.384	613.8	1570.1	1565.1	565.2	.1	1.0	.0096	.049	.049	5	45.4
2209	10.791	.005	3	0	7275.	0.	7274.60	.384	613.9	1570.1	1565.1	565.3	.1	1.0	.0096	.049	.049	5	45.4
2210	10.796	.005	3	0	7272.	0.	7271.55	.384	614.0	1570.1	1565.1	565.4	.1	1.0	.0096	.049	.049	5	45.4
2211	10.801	.005	3	0	7269.	0.	7268.77	.384	614.1	1570.1	1565.1	565.5	.1	1.0	.0096	.049	.049	5	45.4
2212	10.806	.005	3	0	7266.	0.	7265.71	.384	614.2	1570.1	1565.1	565.6	.1	1.0	.0096	.049	.049	5	45.4
2213	10.811	.005	3	0	7262.	0.	7262.39	.384	614.3	1570.1	1565.1	565.7	.1	1.0	.0096	.049	.049	5	45.4
2214	10.816	.005	3	0	7259.	0.	7259.07	.384	614.4	1570.1	1565.1	565.8	.1	1.0	.0096	.049	.049	5	45.4
2215	10.821	.005	3	0	7255.	0.	7255.48	.384	614.5	1570.1	1565.1	565.9	.1	1.0	.0096	.049	.049	5	45.4
2216	10.826	.005	3	0	7252.	0.	7251.88	.384	614.6	1570.1	1565.1	566.0	.1	1.0	.0096	.049	.049	5	45.4

2217	10.831	.005	3	0	7248.	0.	7248.02	.384	614.7	1570.1	1565.1	566.1	.1	1.0	.0096	.049	.049	5	45.4
2218	10.836	.005	3	0	7244.	0.	7244.16	.384	614.8	1570.1	1565.1	566.2	.1	1.0	.0096	.049	.049	5	45.4
2219	10.841	.005	3	0	7240.	0.	7240.03	.384	614.9	1570.1	1565.1	566.3	.1	1.0	.0096	.049	.049	5	45.4
2220	10.846	.005	3	0	7236.	0.	7235.90	.384	615.0	1570.1	1565.1	566.4	.1	1.0	.0096	.049	.049	5	45.4
2221	10.851	.005	3	0	7232.	0.	7231.76	.384	615.1	1570.0	1565.1	566.5	.1	1.0	.0096	.049	.049	5	45.4
2222	10.856	.005	3	0	7227.	0.	7227.36	.384	615.2	1570.0	1565.1	566.6	.1	1.0	.0096	.049	.049	5	45.4
2223	10.861	.005	3	0	7223.	0.	7222.69	.384	615.3	1570.0	1565.1	566.7	.1	1.0	.0096	.049	.049	5	45.4
2224	10.866	.005	3	0	7218.	0.	7218.02	.384	615.4	1570.0	1565.1	566.8	.1	1.0	.0096	.049	.049	5	45.4
2225	10.871	.005	3	0	7213.	0.	7213.35	.384	615.5	1570.0	1565.1	566.9	.1	1.0	.0096	.049	.049	5	45.4
2226	10.876	.005	3	0	7208.	0.	7208.41	.384	615.6	1570.0	1565.1	567.0	.1	1.0	.0096	.049	.049	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2227	10.881	.005	3	0	7203.	0.	7203.20	.384	615.7	1570.0	1565.1	567.1	.1	1.0	.0096	.049	.049	5	45.4
2228	10.886	.005	3	0	7198.	0.	7198.00	.384	615.8	1570.0	1565.1	567.2	.1	1.0	.0096	.049	.049	5	45.4
2229	10.891	.005	3	0	7193.	0.	7192.79	.384	615.9	1570.0	1565.1	567.3	.1	1.0	.0096	.049	.049	5	45.4
2230	10.896	.005	3	0	7187.	0.	7187.31	.384	616.0	1570.0	1565.1	567.3	.1	1.0	.0096	.049	.049	5	45.4
2231	10.901	.005	3	0	7182.	0.	7181.83	.384	616.1	1570.0	1565.1	567.4	.1	1.0	.0096	.049	.049	5	45.4
2232	10.906	.005	3	0	7176.	0.	7176.09	.384	616.2	1570.0	1565.1	567.5	.1	1.0	.0096	.049	.049	5	45.4
2233	10.911	.005	3	0	7170.	0.	7170.32	.384	616.3	1570.0	1565.1	567.6	.1	1.0	.0096	.048	.049	5	45.4
2234	10.916	.005	3	0	7165.	0.	7164.55	.384	616.4	1570.0	1565.1	567.7	.1	1.0	.0096	.048	.049	5	45.4
2235	10.921	.005	3	0	7159.	0.	7158.51	.384	616.5	1570.0	1565.1	567.8	.1	1.0	.0096	.048	.049	5	45.4
2236	10.926	.005	3	0	7152.	0.	7152.20	.384	616.6	1570.0	1565.1	567.9	.1	1.0	.0096	.048	.048	5	45.4
2237	10.931	.005	3	0	7146.	0.	7145.90	.384	616.7	1570.0	1565.1	568.0	.1	1.0	.0096	.048	.048	5	45.4
2238	10.936	.005	3	0	7140.	0.	7139.59	.384	616.8	1570.0	1565.1	568.1	.1	1.0	.0096	.048	.048	5	45.4
2239	10.941	.005	3	0	7133.	0.	7133.02	.384	616.8	1570.0	1565.1	568.2	.1	1.0	.0096	.048	.048	5	45.4

KTT= 0 I= 2239 T= 10.94

OUTPUT SUMMARY

QBP	MAX OUTFLOW(CFS) THRU BREACH	71351.
TP	TIME(HR) AT WHICH PEAK OUTFLOW OCCURS	6.72
QP	MAX TOTAL OUTFLOW(CFS) OCCURRING AT TIME TP	72920.
TRS	DURATION(HR) OF RISING LIMB OF HYDROGRAPH	5.47
TB	TIME(HR) AT WHICH SIGN. RISE IN OUTFLOW STARTS	4.71
BRD	FINAL DEPTH(FT) OF BREACH	24.00
BRW	FINAL TOP WIDTH(FT) OF BREACH AT PEAK BREACH FLOW	332.13
HU	ELEV(FT) OF TOP OF DAM	1589.10
HY	FINAL ELEV(FT) OF RESERVOIR WATER SURFACE	1569.39
HC	FINAL ELEV(FT) OF BOTTOM OF BREACH	1565.100
AGL	ACUTE ANGLE THAT BREACH SIDE MAKES WITH VERTICAL AT QBP	45.375
QO	OUTFLOW (CFS) AT T=0.0	.0000
Z	SIDE SLOPE OF BREACH (FT/FT) AT PEAK BREACH FLOW	.58
TFH	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY USING SIMPLIFIED DAM-BREAK DISCHARGE EQUATION	1.73
TFHI	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY INTEGRATING QB VS TIME FROM T=0 TO T=TP	2.45
BO	BOTTOM WIDTH (FT) OF BREACH AT PEAK BREACH FLOW	304.14

1

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QTIME***** 14118.0   21118.0   28118.0   35118.0   42118.0   49118.0   56118.0   63118.0   70118.0   77118.0    DISCHARGE
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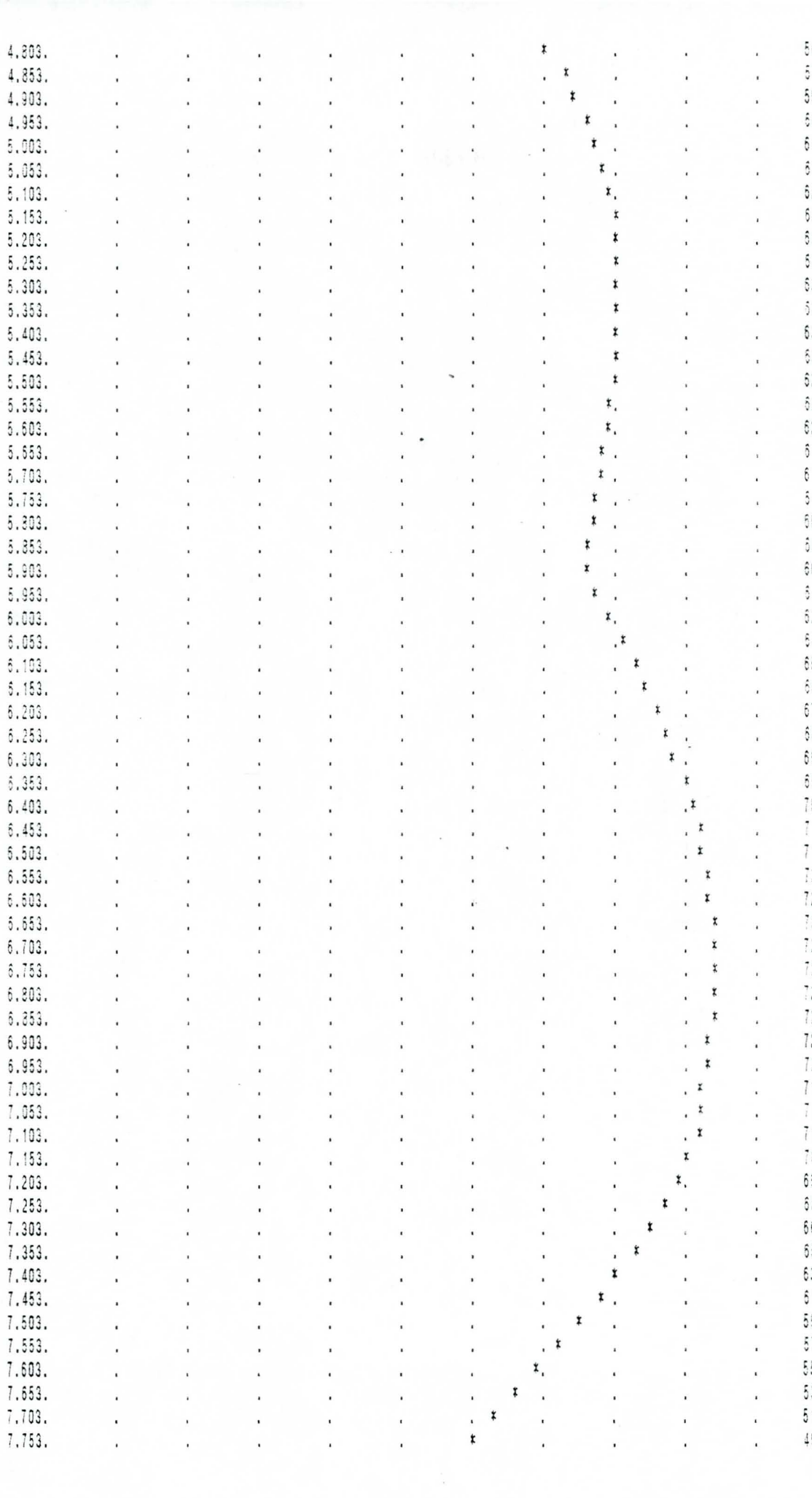
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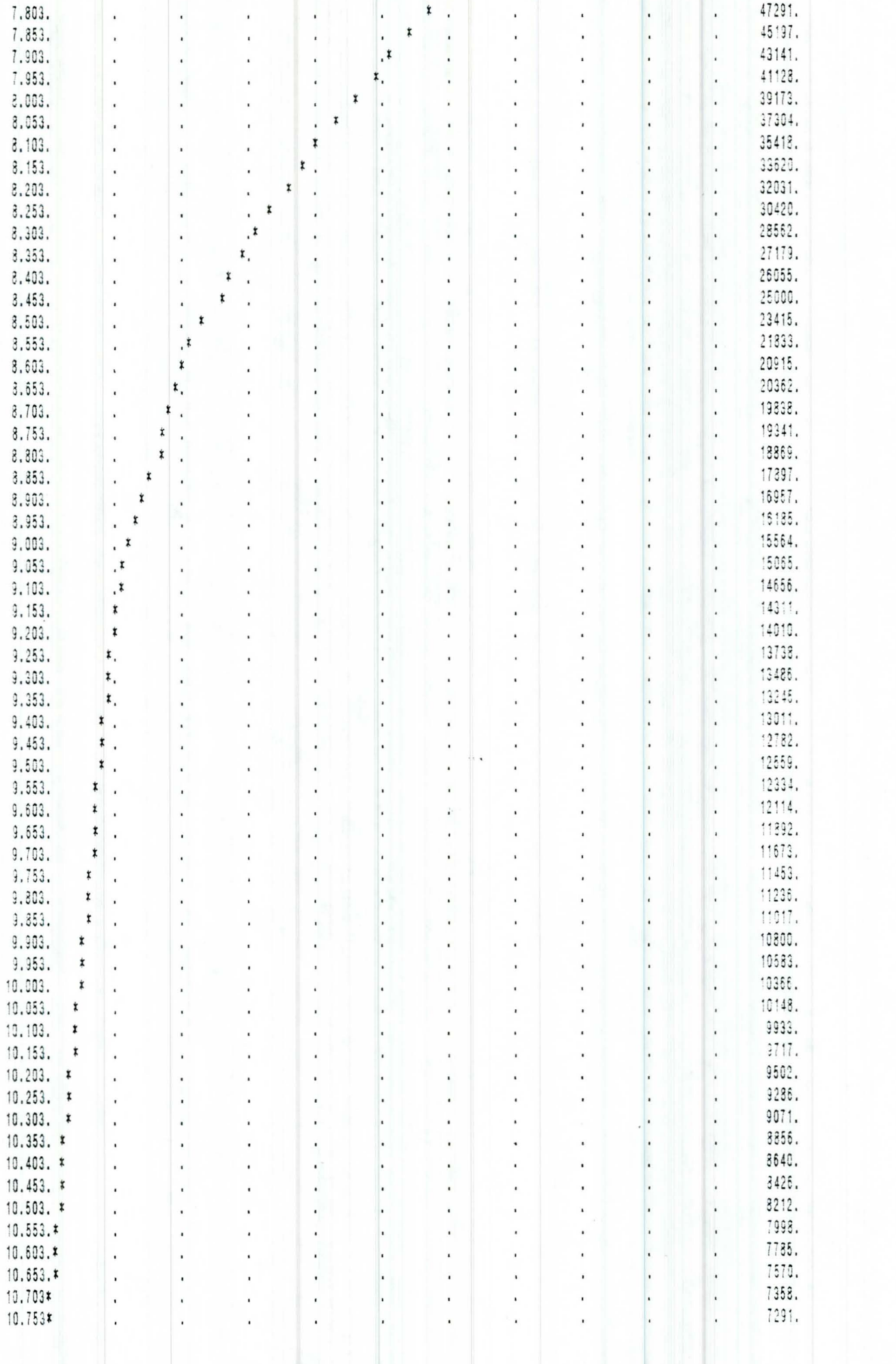
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10.853*	7230.
10.903*	7180.
10.953*	7118.

BRPPD.OR2 - Powerline
Piping Failure

PIPING FAILURE - POWERLINE FRS - JMM - 8/25/89 (BRPPD.OR2)

HI= 1583.30 HU= 1589.10 HL= 1565.10 HPI= 1573.10 HSP= 1583.30 PI= .0 CA= .000 CB= .00

(QIN(I),I=1,8)
.00 10028.00 28166.00 59782.00 62044.00 58621.00 22173.00 .00

(TIN(I),I=1,8)
.00 3.20 3.70 4.50 5.10 5.50 7.10 12.40

(RSA(I),I=1,8)
700.00 635.00 600.00 450.00 315.00 .00 .00 .00

(HSA(I),I=1,8)
1594.00 1591.00 1589.10 1583.30 1578.00 1565.10 .00 .00

(HSTW(I),I=1,8)
1565.10 1566.60 1600.00 .00 .00 .00 .00 .00

(BSTW(I),I=1,8)
.00 1000.00 1000.00 .00 .00 .00 .00 .00

(CMTW(I),I=1,8)
.05 .05 .05 .00 .00 .00 .00 .00

ZU= 3.00 ZD= 2.00 ZC= .00 GL= .00 GS= .00 VMP= .00

D50C= .00 PORC= .00 UWC= .00 CNC= .0000 AFRC= .00 COHC= .0 UNFCC= .00

D_{50} m n γ ϕ° C = psf D_{90}/D_{30}

D50S= .16 PORS= .33 UWS=110.00 CNS= .0000 AFRS= 29.50 COHS= 100.0 UNFCS= 10.00

BR= 1.00 WC= 14.0 CRL=13358.0 SM= 35.20 D50DF= .00 UNFCDF= .00 BMX= 1000.

DTH= .020 DBG= .001 H= 1.0000 TEH= 12.0 ERR= .01 FPT= 10.0 TPR= 4.0

(SPQ(I),I=1,8)
.00 2000.00 5000.00 10000.00 15000.00 20000.00 25000.00 .00

(SPH(I),I=1,8)
.00 1.07 1.98 3.14 4.11 4.98 5.78 .00

1

AFR= .0 TH1= 59.75 H1= 6.24 TH2= 44.63 H2= 20.08 TH3= 37.06 H3= 64.18

1-

I T DTH KG KC QTOT QTS QB SUB BT HY HC BO PPP HP CNN DH DHH KIT ALG

PIPE FLOW TO WEIR FLOW TRANSITION

KSLUMP= 1 HCK= 17.70 DELT= .12 DEL= 30.25

KSLUMP= 2 HCK= 20.08 DELT= .18 DEL= 15.13

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
913	4.001	.005	3	0	28468.	0.	28468.15	1.000	168.3	1582.1	1565.1	119.7	.4	5.8	.0096	.207	.206	5	45.4
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
914	4.007	.005	3	0	28589.	0.	28589.15	1.000	168.7	1582.1	1565.1	120.1	.4	5.8	.0096	.207	.208	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
915	4.012	.005	3	0	28711.	0.	28711.41	1.000	169.1	1582.2	1565.1	120.5	.4	5.9	.0096	.209	.209	5	45.4
916	4.017	.005	3	0	28835.	0.	28834.53	1.000	169.6	1582.2	1565.1	120.9	.4	5.9	.0096	.210	.210	5	45.4
917	4.023	.005	3	0	28958.	0.	28958.18	1.000	170.0	1582.2	1565.1	121.4	.4	5.9	.0096	.210	.210	5	45.4
918	4.028	.005	3	0	29083.	0.	29082.68	1.000	170.4	1582.2	1565.1	121.8	.4	5.9	.0096	.211	.211	5	45.4
919	4.033	.005	3	0	29208.	0.	29207.71	1.000	170.8	1582.2	1565.1	122.2	.4	5.9	.0096	.212	.212	5	45.4
920	4.039	.005	3	0	29334.	0.	29333.61	1.000	171.3	1582.2	1565.1	122.6	.4	5.9	.0096	.213	.214	5	45.4
921	4.044	.005	3	0	29461.	0.	29460.83	1.000	171.7	1582.2	1565.1	123.1	.4	5.9	.0096	.214	.214	5	45.4
922	4.049	.005	3	0	29589.	0.	29588.60	1.000	172.1	1582.2	1565.1	123.5	.4	5.9	.0096	.215	.215	5	45.4
923	4.055	.005	3	0	29717.	0.	29717.25	1.000	172.5	1582.3	1565.1	123.9	.4	5.9	.0096	.216	.216	5	45.4
924	4.060	.005	3	0	29847.	0.	29846.80	1.000	173.0	1582.3	1565.1	124.3	.4	5.9	.0096	.217	.217	5	45.4
925	4.065	.005	3	0	29977.	0.	29976.90	1.000	173.4	1582.3	1565.1	124.8	.4	5.9	.0096	.217	.217	5	45.4
926	4.071	.005	3	0	30108.	0.	30107.90	1.000	173.9	1582.3	1565.1	125.2	.4	5.9	.0096	.218	.219	5	45.4
927	4.076	.005	3	0	30240.	0.	30240.28	1.000	174.3	1582.3	1565.1	125.7	.4	5.9	.0096	.220	.220	5	45.4
928	4.082	.005	3	0	30373.	0.	30373.23	1.000	174.7	1582.3	1565.1	126.1	.4	5.9	.0096	.221	.221	5	45.4
929	4.087	.005	3	0	30507.	0.	30507.10	1.000	175.2	1582.3	1565.1	126.5	.4	5.9	.0096	.222	.221	5	45.4
930	4.092	.005	3	0	30642.	0.	30641.54	1.000	175.6	1582.4	1565.1	127.0	.4	5.9	.0096	.222	.222	5	45.4
931	4.098	.005	3	0	30777.	0.	30776.92	1.000	176.1	1582.4	1565.1	127.4	.4	5.9	.0096	.223	.224	5	45.4
932	4.103	.005	3	0	30913.	0.	30913.36	1.000	176.5	1582.4	1565.1	127.9	.5	5.9	.0096	.225	.225	5	45.4
933	4.108	.005	3	0	31051.	0.	31050.75	1.000	177.0	1582.4	1565.1	128.3	.5	5.9	.0096	.225	.226	5	45.4
934	4.114	.005	3	0	31189.	0.	31188.73	1.000	177.4	1582.4	1565.1	128.8	.5	5.9	.0096	.227	.226	5	45.4
935	4.119	.005	3	0	31328.	0.	31327.67	1.000	177.9	1582.4	1565.1	129.2	.5	5.9	.0096	.227	.227	5	45.4
936	4.124	.005	3	0	31468.	0.	31467.57	1.000	178.3	1582.4	1565.1	129.7	.5	5.9	.0096	.228	.228	5	45.4
937	4.130	.005	3	0	31608.	0.	31608.09	1.000	178.8	1582.5	1565.1	130.2	.5	5.9	.0096	.229	.230	5	45.4
938	4.135	.005	3	0	31750.	0.	31750.07	1.000	179.3	1582.5	1565.1	130.6	.5	5.9	.0096	.231	.231	5	45.4
939	4.140	.005	3	0	31893.	0.	31892.67	1.000	179.7	1582.5	1565.1	131.1	.5	5.9	.0096	.232	.232	5	45.4
940	4.146	.005	3	0	32036.	0.	32035.89	1.000	180.2	1582.5	1565.1	131.6	.5	5.9	.0096	.233	.232	5	45.4
941	4.151	.005	3	0	32180.	0.	32180.11	1.000	180.7	1582.5	1565.1	132.0	.5	5.9	.0096	.233	.233	5	45.4
942	4.157	.005	3	0	32325.	0.	32325.32	1.000	181.1	1582.5	1565.1	132.5	.5	5.9	.0096	.234	.235	5	45.4
943	4.162	.005	3	0	32472.	0.	32471.68	1.000	181.6	1582.5	1565.1	133.0	.5	5.9	.0096	.236	.236	5	45.4
944	4.167	.005	3	0	32619.	0.	32618.68	1.000	182.1	1582.6	1565.1	133.4	.5	5.9	.0096	.237	.237	5	45.4
945	4.173	.005	3	0	32767.	0.	32766.71	1.000	182.5	1582.6	1565.1	133.9	.5	5.9	.0096	.238	.238	5	45.4
946	4.178	.005	3	0	32915.	0.	32915.38	1.000	183.0	1582.6	1565.1	134.4	.5	5.9	.0096	.239	.239	5	45.4
947	4.183	.005	3	0	33065.	0.	33065.09	1.000	183.5	1582.6	1565.1	134.9	.5	5.9	.0096	.240	.241	5	45.4
948	4.189	.005	3	0	33216.	0.	33215.98	1.000	184.0	1582.6	1565.1	135.4	.5	6.0	.0096	.242	.242	5	45.4
949	4.194	.005	3	0	33368.	0.	33367.53	1.000	184.5	1582.6	1565.1	135.8	.5	6.0	.0096	.243	.242	5	45.4
950	4.199	.005	3	0	33520.	0.	33520.14	1.000	185.0	1582.6	1565.1	136.3	.5	6.0	.0096	.243	.243	5	45.4
951	4.205	.005	3	0	33674.	0.	33673.80	1.000	185.4	1582.7	1565.1	136.8	.5	6.0	.0096	.244	.244	5	45.4
952	4.210	.005	3	0	33828.	0.	33827.77	1.000	185.9	1582.7	1565.1	137.3	.5	6.0	.0096	.245	.246	5	45.4
953	4.215	.005	3	0	33983.	0.	33983.34	1.000	186.4	1582.7	1565.1	137.8	.5	6.0	.0096	.247	.247	5	45.4
954	4.221	.005	3	0	34140.	0.	34139.98	1.000	186.9	1582.7	1565.1	138.3	.5	6.0	.0096	.248	.248	5	45.4
955	4.226	.005	3	0	34297.	0.	34297.33	1.000	187.4	1582.7	1565.1	138.8	.5	6.0	.0096	.249	.249	5	45.4
956	4.231	.005	3	0	34455.	0.	34455.38	1.000	187.9	1582.7	1565.1	139.3	.5	6.0	.0096	.250	.250	5	45.4
957	4.237	.005	3	0	34614.	0.	34614.14	1.000	188.4	1582.7	1565.1	139.8	.5	6.0	.0096	.251	.252	5	45.4

958	4.242	.005	3	0	34775.	0.	34774.54	1.000	188.9	1582.8	1565.1	140.3	.5	6.0	.0096	.253	.253	5	45.4
959	4.248	.005	3	0	34936.	0.	34935.67	1.000	189.4	1582.8	1565.1	140.8	.5	6.0	.0096	.254	.254	5	45.4
960	4.253	.005	3	0	35098.	0.	35097.91	1.000	189.9	1582.8	1565.1	141.3	.5	6.0	.0096	.255	.255	5	45.4
961	4.258	.005	3	0	35260.	0.	35260.50	1.000	190.5	1582.8	1565.1	141.8	.5	6.0	.0096	.256	.256	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
962	4.264	.005	3	0	35424.	0.	35424.20	1.000	191.0	1582.8	1565.1	142.3	.5	6.0	.0096	.257	.258	5	45.4
963	4.269	.005	3	0	35590.	0.	35589.61	1.000	191.5	1582.8	1565.1	142.9	.5	6.0	.0096	.259	.259	5	45.4
964	4.274	.005	3	0	35755.	0.	35755.36	1.000	192.0	1582.8	1565.1	143.4	.5	6.0	.0096	.260	.260	5	45.4
965	4.280	.005	3	0	35922.	0.	35922.27	1.000	192.5	1582.9	1565.1	143.9	.5	6.0	.0096	.261	.261	5	45.4
966	4.285	.005	3	0	36090.	0.	36089.94	1.000	193.1	1582.9	1565.1	144.4	.5	6.0	.0096	.262	.262	5	45.4
967	4.290	.005	3	0	36259.	0.	36259.33	1.000	193.6	1582.9	1565.1	145.0	.5	6.0	.0096	.264	.264	5	45.4
968	4.296	.005	3	0	36429.	0.	36429.10	1.000	194.1	1582.9	1565.1	145.5	.5	6.0	.0096	.265	.265	5	45.4
969	4.301	.005	3	0	36600.	0.	36600.05	1.000	194.6	1582.9	1565.1	146.0	.5	6.0	.0096	.266	.266	5	45.4
970	4.306	.005	3	0	36772.	0.	36771.78	1.000	195.2	1582.9	1565.1	146.5	.5	6.0	.0096	.267	.267	5	45.4
971	4.312	.005	3	0	36945.	0.	36944.69	1.000	195.7	1583.0	1565.1	147.1	.5	6.0	.0096	.268	.269	5	45.4
972	4.317	.005	3	0	37119.	0.	37118.58	1.000	196.3	1583.0	1565.1	147.6	.5	6.0	.0096	.270	.270	5	45.4
973	4.323	.005	3	0	37294.	0.	37293.68	1.000	196.8	1583.0	1565.1	148.2	.5	6.0	.0096	.271	.271	5	45.4
974	4.328	.005	3	0	37470.	0.	37469.58	1.000	197.3	1583.0	1565.1	148.7	.5	6.0	.0096	.272	.272	5	45.4
975	4.333	.005	3	0	37646.	0.	37646.28	1.000	197.9	1583.0	1565.1	149.3	.5	6.0	.0096	.273	.273	5	45.4
976	4.339	.005	3	0	37824.	0.	37823.79	1.000	198.4	1583.0	1565.1	149.8	.5	6.0	.0096	.274	.275	5	45.4
977	4.344	.005	3	0	38003.	0.	38002.73	1.000	199.0	1583.0	1565.1	150.4	.6	6.1	.0096	.277	.276	5	45.4
978	4.349	.005	3	0	38183.	0.	38182.91	1.000	199.5	1583.1	1565.1	150.9	.6	6.1	.0096	.278	.277	5	45.4
979	4.355	.005	3	0	38363.	0.	38363.49	1.000	200.1	1583.1	1565.1	151.5	.6	6.1	.0096	.279	.278	5	45.4
980	4.360	.005	3	0	38545.	0.	38545.33	1.000	200.7	1583.1	1565.1	152.0	.6	6.1	.0096	.280	.279	5	45.4
981	4.365	.005	3	0	38728.	0.	38728.01	1.000	201.2	1583.1	1565.1	152.6	.6	6.1	.0096	.281	.282	5	45.4
982	4.371	.005	3	0	38912.	0.	38912.16	1.000	201.8	1583.1	1565.1	153.2	.6	6.1	.0096	.283	.283	5	45.4
983	4.376	.005	3	0	39098.	0.	39097.59	1.000	202.4	1583.1	1565.1	153.7	.6	6.1	.0096	.284	.284	5	45.4
984	4.381	.005	3	0	39283.	0.	39283.44	1.000	202.9	1583.2	1565.1	154.3	.6	6.1	.0096	.285	.285	5	45.4
985	4.387	.005	3	0	39470.	0.	39470.15	1.000	203.5	1583.2	1565.1	154.9	.6	6.1	.0096	.286	.287	5	45.4
986	4.392	.005	3	0	39659.	0.	39658.81	1.000	204.1	1583.2	1565.1	155.4	.6	6.1	.0096	.289	.288	5	45.4
987	4.397	.005	3	0	39848.	0.	39847.91	1.000	204.7	1583.2	1565.1	156.0	.6	6.1	.0096	.290	.290	5	45.4
988	4.403	.005	3	0	40038.	0.	40038.32	1.000	205.2	1583.2	1565.1	156.6	.6	6.1	.0096	.291	.291	5	45.4
989	4.408	.005	3	0	40229.	0.	40229.18	1.000	205.8	1583.2	1565.1	157.2	.6	6.1	.0096	.292	.292	5	45.4
990	4.414	.005	3	0	40421.	0.	40421.36	1.000	206.4	1583.3	1565.1	157.8	.6	6.1	.0096	.293	.294	5	45.4
991	4.419	.005	3	0	40615.	0.	40615.11	1.000	207.0	1583.3	1565.1	158.4	.6	6.1	.0096	.296	.295	5	45.4
992	4.424	.005	3	0	40810.	0.	40809.76	1.000	207.6	1583.3	1565.1	159.0	.6	6.1	.0096	.297	.296	5	45.4
993	4.430	.005	3	0	41005.	0.	41004.88	1.000	208.2	1583.3	1565.1	159.6	.6	6.1	.0096	.298	.298	5	45.4
994	4.435	.005	3	0	41226.	25.	41201.34	1.000	208.8	1583.3	1565.1	160.2	.6	6.1	.0096	.299	.299	5	45.4
995	4.440	.005	3	0	41453.	54.	41398.72	1.000	209.4	1583.3	1565.1	160.8	.6	6.1	.0096	.300	.301	5	45.4
996	4.446	.005	3	0	41681.	83.	41597.26	1.000	210.0	1583.3	1565.1	161.4	.6	6.1	.0096	.303	.302	5	45.4
997	4.451	.005	3	0	41909.	112.	41796.73	1.000	210.6	1583.4	1565.1	162.0	.6	6.1	.0096	.304	.304	5	45.4
998	4.456	.005	3	0	42139.	142.	41997.14	1.000	211.2	1583.4	1565.1	162.6	.6	6.1	.0096	.305	.305	5	45.4
999	4.462	.005	3	0	42369.	171.	42198.47	1.000	211.8	1583.4	1565.1	163.2	.6	6.1	.0096	.306	.306	5	45.4
1000	4.467	.005	3	0	42601.	200.	42401.01	1.000	212.4	1583.4	1565.1	163.8	.6	6.2	.0096	.309	.309	5	45.4
1001	4.472	.005	3	0	42833.	229.	42604.49	1.000	213.1	1583.4	1565.1	164.4	.6	6.2	.0096	.310	.310	5	45.4
1002	4.478	.005	3	0	43067.	258.	42808.93	1.000	213.7	1583.4	1565.1	165.1	.6	6.2	.0096	.311	.311	5	45.4
1003	4.483	.005	3	0	43301.	287.	43014.32	1.000	214.3	1583.5	1565.1	165.7	.6	6.2	.0096	.312	.312	5	45.4
1004	4.489	.005	3	0	43536.	316.	43220.23	1.000	214.9	1583.5	1565.1	166.3	.6	6.2	.0096	.313	.313	5	45.4
1005	4.494	.005	3	0	43772.	344.	43427.81	1.000	215.6	1583.5	1565.1	166.9	.6	6.2	.0096	.316	.316	5	45.4
1006	4.499	.005	3	0	44009.	373.	43636.38	1.000	216.2	1583.5	1565.1	167.6	.6	6.2	.0096	.317	.317	5	45.4
1007	4.505	.005	3	0	44247.	402.	43845.46	1.000	216.8	1583.5	1565.1	168.2	.6	6.2	.0096	.319	.318	5	45.4
1008	4.510	.005	3	0	44484.	430.	44054.58	1.000	217.5	1583.5	1565.1	168.8	.6	6.2	.0096	.320	.320	5	45.4
1009	4.515	.005	3	0	44722.	457.	44264.22	1.000	218.1	1583.5	1565.1	169.5	.6	6.2	.0096	.321	.321	5	45.4
1010	4.521	.005	3	0	44960.	485.	44474.66	1.000	218.8	1583.6	1565.1	170.1	.6	6.2	.0096	.324	.324	5	45.4
1011	4.526	.005	3	0	45198.	512.	44685.59	1.000	219.4	1583.6	1565.1	170.8	.7	6.2	.0096	.325	.325	5	45.4
1012	4.531	.005	3	0	45435.	538.	44896.09	1.000	220.1	1583.6	1565.1	171.4	.7	6.2	.0096	.326	.326	5	45.4

1013	4.537	.005	3	0	45672.	565.	45107.09	1.000	220.7	1583.6	1565.1	172.1	.7	6.2	.0096	.328	.327	5	45.4
1014	4.542	.005	3	0	45908.	590.	45317.65	1.000	221.4	1583.6	1565.1	172.8	.7	6.2	.0096	.329	.329	5	45.4
1015	4.547	.005	3	0	46144.	616.	45528.70	1.000	222.0	1583.6	1565.1	173.4	.7	6.2	.0096	.330	.331	5	45.4
1016	4.553	.005	3	0	46382.	641.	45741.02	1.000	222.7	1583.6	1565.1	174.1	.7	6.2	.0096	.333	.333	5	45.4
1017	4.558	.005	3	0	46618.	665.	45952.88	1.000	223.4	1583.7	1565.1	174.7	.7	6.2	.0096	.334	.334	5	45.4
1018	4.563	.005	3	0	46855.	689.	46165.22	1.000	224.1	1583.7	1565.1	175.4	.7	6.2	.0096	.336	.335	5	45.4
1019	4.569	.005	3	0	47090.	713.	46377.10	1.000	224.7	1583.7	1565.1	176.1	.7	6.2	.0096	.337	.337	5	45.4
1020	4.574	.005	3	0	47326.	736.	46589.45	1.000	225.4	1583.7	1565.1	176.8	.7	6.2	.0096	.338	.338	5	45.4
1021	4.580	.005	3	0	47561.	759.	46802.29	1.000	226.1	1583.7	1565.1	177.4	.7	6.2	.0096	.339	.341	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1022	4.585	.005	3	0	47796.	781.	47014.62	1.000	226.8	1583.7	1565.1	178.1	.7	6.2	.0096	.341	.342	5	45.4
1023	4.590	.005	3	0	48032.	804.	47228.23	1.000	227.4	1583.7	1565.1	178.8	.7	6.2	.0096	.344	.343	5	45.4
1024	4.596	.005	3	0	48267.	825.	47441.84	1.000	228.1	1583.7	1565.1	179.5	.7	6.2	.0096	.345	.345	5	45.4
1025	4.601	.005	3	0	48502.	847.	47655.42	1.000	228.8	1583.8	1565.1	180.2	.7	6.2	.0096	.346	.346	5	45.4
1026	4.606	.005	3	0	48737.	867.	47869.47	1.000	229.5	1583.8	1565.1	180.9	.7	6.2	.0096	.348	.347	5	45.4
1027	4.612	.005	3	0	48972.	888.	48083.49	1.000	230.2	1583.8	1565.1	181.6	.7	6.2	.0096	.349	.349	5	45.4
1028	4.617	.005	3	0	49206.	908.	48297.48	1.000	230.9	1583.8	1565.1	182.3	.7	6.2	.0096	.350	.350	5	45.4
1029	4.622	.005	3	0	49439.	928.	48511.41	1.000	231.6	1583.8	1565.1	183.0	.7	6.2	.0096	.352	.353	5	45.4
1030	4.628	.005	3	0	49673.	947.	48725.81	1.000	232.3	1583.8	1565.1	183.7	.7	6.2	.0096	.353	.355	5	45.4
1031	4.633	.005	3	0	49907.	966.	48940.99	1.000	233.0	1583.8	1565.1	184.4	.7	6.2	.0096	.356	.356	5	45.4
1032	4.638	.005	3	0	50141.	985.	49156.13	1.000	233.8	1583.8	1565.1	185.1	.7	6.2	.0096	.358	.357	5	45.4
1033	4.644	.005	3	0	50374.	1003.	49371.21	1.000	234.5	1583.8	1565.1	185.8	.7	6.2	.0096	.359	.359	5	45.4
1034	4.649	.005	3	0	50607.	1020.	49586.73	1.000	235.2	1583.8	1565.1	186.6	.7	6.2	.0096	.360	.360	5	45.4
1035	4.655	.005	3	0	50840.	1038.	49802.19	1.000	235.9	1583.9	1565.1	187.3	.7	6.2	.0096	.362	.362	5	45.4
1036	4.660	.005	3	0	51072.	1055.	50017.56	1.000	236.7	1583.9	1565.1	188.0	.7	6.2	.0096	.363	.363	5	45.4
1037	4.665	.005	3	0	51305.	1071.	50233.37	1.000	237.4	1583.9	1565.1	188.7	.7	6.2	.0096	.365	.364	5	45.4
1038	4.671	.005	3	0	51537.	1087.	50449.09	1.000	238.1	1583.9	1565.1	189.5	.7	6.2	.0096	.366	.366	5	45.4
1039	4.676	.005	3	0	51768.	1103.	50664.73	1.000	238.8	1583.9	1565.1	190.2	.7	6.2	.0096	.367	.367	5	45.4
1040	4.681	.005	3	0	51999.	1119.	50880.79	1.000	239.6	1583.9	1565.1	191.0	.7	6.2	.0096	.369	.370	5	45.4
1041	4.687	.005	3	0	52231.	1134.	51096.73	1.000	240.3	1583.9	1565.1	191.7	.7	6.2	.0096	.370	.372	5	45.4
1042	4.692	.005	3	0	52462.	1148.	51313.46	1.000	241.1	1583.9	1565.1	192.4	.7	6.3	.0096	.374	.373	5	45.4
1043	4.697	.005	3	0	52693.	1163.	51530.61	1.000	241.8	1583.9	1565.1	193.2	.8	6.3	.0096	.375	.375	5	45.4
1044	4.703	.005	3	0	52924.	1177.	51747.64	1.000	242.6	1583.9	1565.1	193.9	.8	6.3	.0096	.377	.376	5	45.4
1045	4.708	.005	3	0	53155.	1190.	51964.57	1.000	243.3	1583.9	1565.1	194.7	.8	6.3	.0096	.378	.378	5	45.4
1046	4.713	.005	3	0	53384.	1203.	52181.35	1.000	244.1	1583.9	1565.1	195.5	.8	6.3	.0096	.379	.379	5	45.4
1047	4.719	.005	3	0	53614.	1216.	52398.54	1.000	244.9	1584.0	1565.1	196.2	.8	6.3	.0096	.381	.381	5	45.4
1048	4.724	.005	3	0	53845.	1228.	52616.13	1.000	245.6	1584.0	1565.1	197.0	.8	6.3	.0096	.382	.382	5	45.4
1049	4.729	.005	3	0	54073.	1240.	52833.04	1.000	246.4	1584.0	1565.1	197.8	.8	6.3	.0096	.384	.384	5	45.4
1050	4.735	.005	3	0	54302.	1252.	53050.32	1.000	247.2	1584.0	1565.1	198.5	.8	6.3	.0096	.385	.385	5	45.4
1051	4.740	.005	3	0	54531.	1263.	53268.00	1.000	247.9	1584.0	1565.1	199.3	.8	6.3	.0096	.387	.387	5	45.4
1052	4.746	.005	3	0	54759.	1274.	53484.97	1.000	248.7	1584.0	1565.1	200.1	.8	6.3	.0096	.388	.388	5	45.4
1053	4.751	.005	3	0	54987.	1285.	53702.32	1.000	249.5	1584.0	1565.1	200.9	.8	6.3	.0096	.390	.390	5	45.4
1054	4.756	.005	3	0	55215.	1295.	53920.03	1.000	250.3	1584.0	1565.1	201.6	.8	6.3	.0096	.391	.391	5	45.4
1055	4.762	.005	3	0	55442.	1305.	54137.57	1.000	251.1	1584.0	1565.1	202.4	.8	6.3	.0096	.393	.393	5	45.4
1056	4.767	.005	3	0	55669.	1314.	54354.91	1.000	251.8	1584.0	1565.1	203.2	.8	6.3	.0096	.395	.394	5	45.4
1057	4.772	.005	3	0	55896.	1323.	54572.62	1.000	252.6	1584.0	1565.1	204.0	.8	6.3	.0096	.396	.396	5	45.4
1058	4.778	.005	3	0	56122.	1332.	54790.12	1.000	253.4	1584.0	1565.1	204.8	.8	6.3	.0096	.398	.397	5	45.4
1059	4.783	.005	3	0	56347.	1340.	55007.41	1.000	254.2	1584.0	1565.1	205.6	.8	6.3	.0096	.399	.399	5	45.4
1060	4.788	.005	3	0	56573.	1348.	55225.06	1.000	255.0	1584.0	1565.1	206.4	.8	6.3	.0096	.401	.400	5	45.4
1061	4.794	.005	3	0	56798.	1356.	55442.47	1.000	255.8	1584.0	1565.1	207.2	.8	6.3	.0096	.402	.402	5	45.4
1062	4.799	.005	3	0	57023.	1363.	55660.22	1.000	256.6	1584.0	1565.1	208.0	.8	6.3	.0096	.404	.404	5	45.4
1063	4.804	.005	3	0	57247.	1370.	55877.75	1.000	257.5	1584.0	1565.1	208.8	.8	6.3	.0096	.405	.405	5	45.4
1064	4.810	.005	3	0	57471.	1376.	56095.02	1.000	258.3	1584.0	1565.1	209.6	.8	6.3	.0096	.407	.407	5	45.4
1065	4.815	.005	3	0	57695.	1382.	56312.63	1.000	259.1	1584.0	1565.1	210.5	.8	6.3	.0096	.409	.408	5	45.4
1066	4.821	.005	3	0	57919.	1388.	56530.55	1.000	259.9	1584.0	1565.1	211.3	.8	6.3	.0096	.410	.410	5	45.4
1067	4.826	.005	3	0	58141.	1393.	56747.63	1.000	260.7	1584.0	1565.1	212.1	.8	6.3	.0096	.412	.411	5	45.4

1068	4.831	.005	3	0	58353.	1398.	56965.02	1.000	261.6	1584.0	1565.1	212.9	.8	6.3	.0096	.413	.413	5	45.4
1069	4.837	.005	3	0	58586.	1403.	57182.71	1.000	262.4	1584.1	1565.1	213.8	.8	6.3	.0096	.415	.415	5	45.4
1070	4.842	.005	3	0	58808.	1408.	57400.12	1.000	263.2	1584.1	1565.1	214.6	.8	6.3	.0096	.417	.416	5	45.4
1071	4.847	.005	3	0	59030.	1412.	57617.84	1.000	264.1	1584.1	1565.1	215.4	.8	6.3	.0096	.418	.418	5	45.4
1072	4.853	.005	3	0	59251.	1415.	57835.25	1.000	264.9	1584.1	1565.1	216.3	.8	6.3	.0096	.420	.420	5	45.4
1073	4.858	.005	3	0	59471.	1419.	58052.36	1.000	265.7	1584.1	1565.1	217.1	.8	6.3	.0096	.422	.421	5	45.4
1074	4.863	.005	3	0	59691.	1421.	58269.75	1.000	266.6	1584.1	1565.1	218.0	.8	6.3	.0096	.423	.423	5	45.4
1075	4.869	.005	3	0	59911.	1424.	58486.83	1.000	267.4	1584.1	1565.1	218.8	.8	6.3	.0096	.425	.425	5	45.4
1076	4.874	.005	3	0	60130.	1426.	58704.17	1.000	268.3	1584.1	1565.1	219.7	.9	6.3	.0096	.427	.426	5	45.4
1077	4.879	.005	3	0	60349.	1428.	58921.19	1.000	269.1	1584.1	1565.1	220.5	.9	6.3	.0096	.428	.428	5	45.4
1078	4.885	.005	3	0	60568.	1430.	59138.47	1.000	270.0	1584.1	1565.1	221.4	.9	6.3	.0096	.430	.430	5	45.4
1079	4.890	.005	3	0	60786.	1431.	59355.40	1.000	270.9	1584.1	1565.1	222.2	.9	6.3	.0096	.432	.431	5	45.4
1080	4.895	.005	3	0	61004.	1432.	59571.98	1.000	271.7	1584.1	1565.1	223.1	.9	6.3	.0096	.433	.433	5	45.4
1081	4.901	.005	3	0	61221.	1432.	59788.80	1.000	272.6	1584.1	1565.1	224.0	.9	6.3	.0096	.435	.435	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1082	4.906	.005	3	0	61438.	1432.	60005.86	1.000	273.5	1584.1	1565.1	224.8	.9	6.3	.0096	.437	.436	5	45.4
1083	4.912	.005	3	0	61655.	1432.	60222.56	1.000	274.4	1584.1	1565.1	225.7	.9	6.3	.0096	.438	.438	5	45.4
1084	4.917	.005	3	0	61871.	1432.	60439.47	1.000	275.2	1584.1	1565.1	226.6	.9	6.3	.0096	.440	.440	5	45.4
1085	4.922	.005	3	0	62086.	1431.	60654.93	1.000	276.1	1584.1	1565.1	227.5	.9	6.2	.0096	.440	.441	5	45.4
1086	4.928	.005	3	0	62299.	1429.	60870.01	1.000	277.0	1584.1	1565.1	228.4	.9	6.2	.0096	.441	.443	5	45.4
1087	4.933	.005	3	0	62513.	1428.	61085.27	1.000	277.9	1584.1	1565.1	229.3	.9	6.2	.0096	.443	.445	5	45.4
1088	4.938	.005	3	0	62727.	1426.	61300.73	1.000	278.8	1584.1	1565.1	230.1	.9	6.2	.0096	.445	.444	5	45.4
1089	4.944	.005	3	0	62939.	1424.	61515.79	1.000	279.7	1584.1	1565.1	231.0	.9	6.2	.0096	.446	.446	5	45.4
1090	4.949	.005	3	0	63151.	1421.	61730.39	1.000	280.6	1584.1	1565.1	231.9	.9	6.2	.0096	.448	.448	5	45.4
1091	4.954	.005	3	0	63363.	1418.	61945.19	1.000	281.5	1584.1	1565.1	232.8	.9	6.2	.0096	.450	.450	5	45.4
1092	4.960	.005	3	0	63575.	1415.	62160.16	1.000	282.4	1584.1	1565.1	233.7	.9	6.2	.0096	.452	.451	5	45.4
1093	4.965	.005	3	0	63786.	1411.	62374.68	1.000	283.3	1584.1	1565.1	234.6	.9	6.2	.0096	.453	.453	5	45.4
1094	4.970	.005	3	0	63996.	1407.	62588.74	1.000	284.2	1584.1	1565.1	235.6	.9	6.2	.0096	.455	.455	5	45.4
1095	4.976	.005	3	0	64206.	1403.	62803.60	1.000	285.1	1584.1	1565.1	236.5	.9	6.2	.0096	.457	.457	5	45.4
1096	4.981	.005	3	0	64415.	1398.	63017.32	1.000	286.0	1584.0	1565.1	237.4	.9	6.2	.0096	.459	.458	5	45.4
1097	4.987	.005	3	0	64624.	1393.	63230.75	1.000	286.9	1584.0	1565.1	238.3	.9	6.2	.0096	.458	.460	5	45.4
1098	4.992	.005	3	0	64831.	1388.	63443.02	1.000	287.9	1584.0	1565.1	239.2	.9	6.2	.0096	.460	.462	5	45.4
1099	4.997	.005	3	0	65038.	1382.	63656.08	1.000	288.8	1584.0	1565.1	240.1	.9	6.2	.0096	.462	.461	5	45.4
1100	5.003	.005	3	0	65245.	1376.	63868.61	1.000	289.7	1584.0	1565.1	241.1	.9	6.2	.0096	.464	.463	5	45.4
1101	5.008	.005	3	0	65451.	1370.	64080.62	1.000	290.6	1584.0	1565.1	242.0	.9	6.2	.0096	.465	.465	5	45.4
1102	5.013	.005	3	0	65656.	1363.	64292.75	1.000	291.6	1584.0	1565.1	242.9	.9	6.2	.0096	.467	.467	5	45.4
1103	5.019	.005	3	0	65861.	1356.	64504.34	1.000	292.5	1584.0	1565.1	243.9	.9	6.2	.0096	.469	.469	5	45.4
1104	5.024	.005	3	0	66066.	1349.	64716.68	1.000	293.4	1584.0	1565.1	244.8	.9	6.2	.0096	.471	.470	5	45.4
1105	5.029	.005	3	0	66269.	1341.	64927.82	1.000	294.4	1584.0	1565.1	245.8	.9	6.2	.0096	.473	.472	5	45.4
1106	5.035	.005	3	0	66471.	1333.	65137.89	1.000	295.3	1584.0	1565.1	246.7	.9	6.2	.0096	.472	.474	5	45.4
1107	5.040	.005	3	0	66673.	1325.	65348.06	1.000	296.3	1584.0	1565.1	247.7	.9	6.2	.0096	.474	.474	5	45.4
1108	5.045	.005	3	0	66875.	1317.	65558.30	1.000	297.2	1584.0	1565.1	248.6	1.0	6.2	.0096	.476	.475	5	45.4
1109	5.051	.005	3	0	67076.	1308.	65767.94	1.000	298.2	1584.0	1565.1	249.6	1.0	6.2	.0096	.478	.477	5	45.4
1110	5.056	.005	3	0	67275.	1299.	65976.97	1.000	299.2	1584.0	1565.1	250.5	1.0	6.2	.0096	.480	.479	5	45.4
1111	5.061	.005	3	0	67475.	1289.	66186.07	1.000	300.1	1584.0	1565.1	251.5	1.0	6.2	.0096	.481	.481	5	45.4
1112	5.067	.005	3	0	67674.	1279.	66395.20	1.000	301.1	1584.0	1565.1	252.5	1.0	6.2	.0096	.483	.483	5	45.4
1113	5.072	.005	3	0	67872.	1269.	66603.22	1.000	302.0	1584.0	1565.1	253.4	1.0	6.2	.0096	.483	.485	5	45.4
1114	5.078	.005	3	0	68069.	1259.	66810.61	1.000	303.0	1584.0	1565.1	254.4	1.0	6.2	.0096	.485	.487	5	45.4
1115	5.083	.005	3	0	68265.	1248.	67017.34	1.000	304.0	1584.0	1565.1	255.4	1.0	6.2	.0096	.486	.486	5	45.4
1116	5.088	.005	3	0	68461.	1236.	67224.08	1.000	305.0	1584.0	1565.1	256.3	1.0	6.2	.0096	.488	.488	5	45.4
1117	5.094	.005	3	0	68656.	1225.	67430.82	1.000	305.9	1584.0	1565.1	257.3	1.0	6.2	.0096	.490	.490	5	45.4
1118	5.099	.005	3	0	68851.	1213.	67637.59	1.000	306.9	1583.9	1565.1	258.3	1.0	6.2	.0096	.492	.492	5	45.4
1119	5.104	.005	3	0	69045.	1201.	67843.66	1.000	307.9	1583.9	1565.1	259.3	1.0	6.2	.0096	.494	.494	5	45.4
1120	5.110	.005	3	0	69237.	1189.	68047.85	1.000	308.9	1583.9	1565.1	260.3	1.0	6.2	.0096	.493	.495	5	45.4
1121	5.115	.005	3	0	69427.	1176.	68251.33	1.000	309.9	1583.9	1565.1	261.3	1.0	6.2	.0096	.495	.495	5	45.4
1122	5.120	.005	3	0	69617.	1163.	68454.78	1.000	310.9	1583.9	1565.1	262.3	1.0	6.2	.0096	.497	.497	5	45.4

1123	5.126	.005	3	0	69806.	1149.	68657.49	1.000	311.9	1583.9	1565.1	263.3	1.0	6.2	.0096	.499	.499	5	45.4
1124	5.131	.005	3	0	69994.	1135.	68859.45	1.000	312.9	1583.9	1565.1	264.3	1.0	6.2	.0096	.501	.501	5	45.4
1125	5.136	.005	3	0	70181.	1120.	69060.66	1.000	313.9	1583.9	1565.1	265.3	1.0	6.2	.0096	.503	.502	5	45.4
1126	5.142	.005	3	0	70365.	1105.	69259.91	1.000	314.9	1583.9	1565.1	266.3	1.0	6.1	.0096	.502	.504	5	45.4
1127	5.147	.005	3	0	70548.	1090.	69458.35	1.000	315.9	1583.9	1565.1	267.3	1.0	6.1	.0096	.504	.504	5	45.4
1128	5.153	.005	3	0	70730.	1074.	69656.72	1.000	316.9	1583.9	1565.1	268.3	1.0	6.1	.0096	.506	.506	5	45.4
1129	5.158	.005	3	0	70912.	1058.	69854.27	1.000	317.9	1583.9	1565.1	269.3	1.0	6.1	.0096	.508	.508	5	45.4
1130	5.163	.005	3	0	71091.	1041.	70050.29	1.000	319.0	1583.9	1565.1	270.3	1.0	6.1	.0096	.510	.510	5	45.4
1131	5.169	.005	3	0	71269.	1024.	70245.69	1.000	320.0	1583.8	1565.1	271.3	1.0	6.1	.0096	.509	.511	5	45.4
1132	5.174	.005	3	0	71446.	1006.	70439.54	1.000	321.0	1583.8	1565.1	272.4	1.0	6.1	.0096	.511	.511	5	45.4
1133	5.179	.005	3	0	71621.	988.	70632.52	1.000	322.0	1583.8	1565.1	273.4	1.0	6.1	.0096	.513	.513	5	45.4
1134	5.185	.005	3	0	71795.	970.	70825.34	1.000	323.1	1583.8	1565.1	274.4	1.0	6.1	.0096	.515	.515	5	45.4
1135	5.190	.005	3	0	71969.	951.	71017.29	1.000	324.1	1583.8	1565.1	275.5	1.0	6.1	.0096	.517	.517	5	45.4
1136	5.195	.005	3	0	72140.	932.	71207.84	1.000	325.1	1583.8	1565.1	276.5	1.0	6.1	.0096	.517	.516	5	45.4
1137	5.201	.005	3	0	72309.	913.	71396.78	1.000	326.2	1583.8	1565.1	277.5	1.0	6.1	.0096	.518	.518	5	45.4
1138	5.206	.005	3	0	72478.	893.	71585.51	1.000	327.2	1583.8	1565.1	278.6	1.0	6.1	.0096	.520	.520	5	45.4
1139	5.211	.005	3	0	72646.	873.	71773.30	1.000	328.2	1583.8	1565.1	279.6	1.0	6.1	.0096	.522	.522	5	45.4
1140	5.217	.005	3	0	72811.	852.	71958.92	1.000	329.3	1583.8	1565.1	280.7	1.0	6.1	.0096	.522	.524	5	45.4
1141	5.222	.005	3	0	72975.	831.	72144.30	1.000	330.3	1583.7	1565.1	281.7	1.0	6.1	.0096	.524	.523	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1142	5.227	.005	3	0	73138.	809.	72328.73	1.000	331.4	1583.7	1565.1	282.8	1.1	6.1	.0096	.526	.525	5	45.4
1143	5.233	.005	3	0	73300.	787.	72512.17	1.000	332.4	1583.7	1565.1	283.8	1.1	6.1	.0096	.528	.527	5	45.4
1144	5.238	.005	3	0	73458.	765.	72693.38	1.000	333.5	1583.7	1565.1	284.9	1.1	6.1	.0096	.527	.529	5	45.4
1145	5.244	.005	3	0	73617.	742.	72874.30	1.000	334.6	1583.7	1565.1	285.9	1.1	6.1	.0096	.529	.529	5	45.4
1146	5.249	.005	3	0	73774.	719.	73054.21	1.000	335.6	1583.7	1565.1	287.0	1.1	6.1	.0096	.531	.531	5	45.4
1147	5.254	.005	3	0	73930.	696.	73233.84	1.000	336.7	1583.7	1565.1	288.1	1.1	6.1	.0096	.533	.533	5	45.4
1148	5.260	.005	3	0	74084.	672.	73411.18	1.000	337.7	1583.7	1565.1	289.1	1.1	6.1	.0096	.532	.534	5	45.4
1149	5.265	.005	3	0	74236.	648.	73587.44	1.000	338.8	1583.6	1565.1	290.2	1.1	6.1	.0096	.534	.534	5	45.4
1150	5.270	.005	3	0	74386.	624.	73762.65	1.000	339.9	1583.6	1565.1	291.3	1.1	6.1	.0096	.536	.536	5	45.4
1151	5.276	.005	3	0	74536.	599.	73937.50	1.000	341.0	1583.6	1565.1	292.3	1.1	6.1	.0096	.538	.538	5	45.4
1152	5.281	.005	3	0	74683.	573.	74110.03	1.000	342.0	1583.6	1565.1	293.4	1.1	6.0	.0096	.538	.537	5	45.4
1153	5.286	.005	3	0	74830.	548.	74282.19	1.000	343.1	1583.6	1565.1	294.5	1.1	6.0	.0096	.540	.539	5	45.4
1154	5.292	.005	3	0	74975.	522.	74453.24	1.000	344.2	1583.6	1565.1	295.6	1.1	6.0	.0096	.542	.541	5	45.4
1155	5.297	.005	3	0	75117.	495.	74621.91	1.000	345.3	1583.6	1565.1	296.7	1.1	6.0	.0096	.541	.543	5	45.4
1156	5.302	.005	3	0	75259.	469.	74790.16	1.000	346.4	1583.6	1565.1	297.7	1.1	6.0	.0096	.543	.542	5	45.4
1157	5.308	.005	3	0	75399.	442.	74957.26	1.000	347.5	1583.5	1565.1	298.8	1.1	6.0	.0096	.545	.544	5	45.4
1158	5.313	.005	3	0	75538.	414.	75123.95	1.000	348.6	1583.5	1565.1	299.9	1.1	6.0	.0096	.547	.546	5	45.4
1159	5.319	.005	3	0	75675.	386.	75288.21	1.000	349.6	1583.5	1565.1	301.0	1.1	6.0	.0096	.546	.546	5	45.4
1160	5.324	.005	3	0	75810.	358.	75452.04	1.000	350.7	1583.5	1565.1	302.1	1.1	6.0	.0096	.548	.548	5	45.4
1161	5.329	.005	3	0	75944.	330.	75614.66	1.000	351.8	1583.5	1565.1	303.2	1.1	6.0	.0096	.550	.550	5	45.4
1162	5.335	.005	3	0	76075.	301.	75774.77	1.000	352.9	1583.5	1565.1	304.3	1.1	6.0	.0096	.549	.552	5	45.4
1163	5.340	.005	3	0	76206.	272.	75934.43	1.000	354.0	1583.4	1565.1	305.4	1.1	6.0	.0096	.551	.551	5	45.4
1164	5.345	.005	3	0	76335.	242.	76092.84	1.000	355.2	1583.4	1565.1	306.5	1.1	6.0	.0096	.553	.553	5	45.4
1165	5.351	.005	3	0	76461.	212.	76249.50	1.000	356.3	1583.4	1565.1	307.6	1.1	6.0	.0096	.553	.555	5	45.4
1166	5.356	.005	3	0	76588.	182.	76405.67	1.000	357.4	1583.4	1565.1	308.7	1.1	6.0	.0096	.555	.554	5	45.4
1167	5.361	.005	3	0	76712.	151.	76560.54	1.000	358.5	1583.4	1565.1	309.8	1.1	6.0	.0096	.557	.556	5	45.4
1168	5.367	.005	3	0	76833.	120.	76712.84	1.000	359.6	1583.4	1565.1	311.0	1.1	6.0	.0096	.556	.558	5	45.4
1169	5.372	.005	3	0	76954.	89.	76864.61	1.000	360.7	1583.3	1565.1	312.1	1.1	6.0	.0096	.558	.558	5	45.4
1170	5.377	.005	3	0	77072.	57.	77015.05	1.000	361.8	1583.3	1565.1	313.2	1.1	6.0	.0096	.560	.560	5	45.4
1171	5.383	.005	3	0	77189.	25.	77163.68	1.000	362.9	1583.3	1565.1	314.3	1.1	5.9	.0096	.559	.562	5	45.4
1172	5.388	.005	3	0	77312.	0.	77311.73	1.000	364.1	1583.3	1565.1	315.4	1.1	5.9	.0096	.561	.561	5	45.4
1173	5.393	.005	3	0	77458.	0.	77458.45	1.000	365.2	1583.3	1565.1	316.6	1.1	5.9	.0096	.563	.563	5	45.4
1174	5.399	.005	3	0	77603.	0.	77602.51	1.000	366.3	1583.3	1565.1	317.7	1.1	5.9	.0096	.563	.565	5	45.4
1175	5.404	.005	3	0	77746.	0.	77745.95	1.000	367.5	1583.2	1565.1	318.8	1.1	5.9	.0096	.565	.564	5	45.4
1176	5.410	.005	3	0	77888.	0.	77888.01	1.000	368.6	1583.2	1565.1	320.0	1.1	5.9	.0096	.567	.566	5	45.4
1177	5.415	.005	3	0	78027.	0.	78027.35	1.000	369.7	1583.2	1565.1	321.1	1.1	5.9	.0096	.566	.568	5	45.4

1178	5.420	.005	3	0	78166.	0.	78166.07	1.000	370.9	1583.2	1565.1	322.2	1.1	5.9	.0096	.568	.567	5	45.4
1179	5.426	.005	3	0	78303.	0.	78303.34	1.000	372.0	1583.2	1565.1	323.4	1.1	5.9	.0096	.570	.569	5	45.4
1180	5.431	.005	3	0	78438.	0.	78437.86	1.000	373.1	1583.2	1565.1	324.5	1.1	5.9	.0096	.569	.569	5	45.4
1181	5.436	.005	3	0	78572.	0.	78571.73	1.000	374.3	1583.1	1565.1	325.6	1.1	5.9	.0096	.571	.571	5	45.4
1182	5.442	.005	3	0	78704.	0.	78704.12	1.000	375.4	1583.1	1565.1	326.8	1.1	5.9	.0096	.573	.573	5	45.4
1183	5.447	.005	3	0	78834.	0.	78833.70	1.000	376.6	1583.1	1565.1	327.9	1.1	5.9	.0096	.572	.572	5	45.4
1184	5.452	.005	3	0	78963.	0.	78962.59	1.000	377.7	1583.1	1565.1	329.1	1.1	5.9	.0096	.574	.574	5	45.4
1185	5.458	.005	3	0	79089.	0.	79088.68	1.000	378.9	1583.1	1565.1	330.2	1.1	5.8	.0096	.573	.576	5	45.4
1186	5.463	.005	3	0	79214.	0.	79214.05	1.000	380.0	1583.0	1565.1	331.4	1.2	5.8	.0096	.575	.575	5	45.4
1187	5.468	.005	3	0	79338.	0.	79337.85	1.000	381.2	1583.0	1565.1	332.5	1.2	5.8	.0096	.577	.577	5	45.4
1188	5.474	.005	3	0	79459.	0.	79458.79	1.000	382.3	1583.0	1565.1	333.7	1.2	5.8	.0096	.577	.576	5	45.4
1189	5.479	.005	3	0	79579.	0.	79579.00	1.000	383.5	1583.0	1565.1	334.8	1.2	5.8	.0096	.579	.578	5	45.4
1190	5.485	.005	3	0	79697.	0.	79697.16	1.000	384.6	1583.0	1565.1	336.0	1.2	5.8	.0096	.578	.580	5	45.4
1191	5.490	.005	3	0	79813.	0.	79812.88	1.000	385.8	1582.9	1565.1	337.2	1.2	5.8	.0096	.580	.579	5	45.4
1192	5.495	.005	3	0	79929.	0.	79928.63	1.000	387.0	1582.9	1565.1	338.3	1.2	5.8	.0096	.582	.581	5	45.4
1193	5.501	.005	3	0	80041.	0.	80040.63	1.000	388.1	1582.9	1565.1	339.5	1.2	5.8	.0096	.581	.581	5	45.4
1194	5.506	.005	3	0	80152.	0.	80151.83	1.000	389.3	1582.9	1565.1	340.6	1.2	5.8	.0096	.583	.583	5	45.4
1195	5.511	.005	3	0	80260.	0.	80260.07	1.000	390.4	1582.8	1565.1	341.8	1.2	5.8	.0096	.582	.582	5	45.4
1196	5.517	.005	3	0	80367.	0.	80366.61	1.000	391.6	1582.8	1565.1	343.0	1.2	5.8	.0096	.584	.584	5	45.4
1197	5.522	.005	3	0	80470.	0.	80470.19	1.000	392.8	1582.8	1565.1	344.1	1.2	5.8	.0096	.583	.586	5	45.4
1198	5.527	.005	3	0	80571.	0.	80571.18	1.000	393.9	1582.8	1565.1	345.3	1.2	5.8	.0096	.585	.585	5	45.4
1199	5.533	.005	3	0	80671.	0.	80671.28	1.000	395.1	1582.8	1565.1	346.5	1.2	5.8	.0096	.587	.587	5	45.4
1200	5.538	.005	3	0	80768.	0.	80767.52	1.000	396.3	1582.7	1565.1	347.7	1.2	5.7	.0096	.586	.586	5	45.4
1201	5.543	.005	3	0	80862.	0.	80861.98	1.000	397.5	1582.7	1565.1	348.8	1.2	5.7	.0096	.588	.588	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1202	5.549	.005	3	0	80954.	0.	80954.23	1.000	398.6	1582.7	1565.1	350.0	1.2	5.7	.0096	.587	.587	5	45.4
1203	5.554	.005	3	0	81044.	0.	81043.85	1.000	399.8	1582.7	1565.1	351.2	1.2	5.7	.0096	.589	.589	5	45.4
1204	5.559	.005	3	0	81130.	0.	81130.36	1.000	401.0	1582.6	1565.1	352.4	1.2	5.7	.0096	.589	.588	5	45.4
1205	5.565	.005	3	0	81215.	0.	81215.05	1.000	402.2	1582.6	1565.1	353.6	1.2	5.7	.0096	.591	.590	5	45.4
1206	5.570	.005	3	0	81297.	0.	81296.64	1.000	403.4	1582.6	1565.1	354.7	1.2	5.7	.0096	.590	.589	5	45.4
1207	5.576	.005	3	0	81376.	0.	81376.37	1.000	404.5	1582.6	1565.1	355.9	1.2	5.7	.0096	.592	.591	5	45.4
1208	5.581	.005	3	0	81453.	0.	81452.95	1.000	405.7	1582.5	1565.1	357.1	1.2	5.7	.0096	.591	.593	5	45.4
1209	5.586	.005	3	0	81528.	0.	81527.65	1.000	406.9	1582.5	1565.1	358.3	1.2	5.7	.0096	.593	.592	5	45.4
1210	5.592	.005	3	0	81599.	0.	81599.18	1.000	408.1	1582.5	1565.1	359.5	1.2	5.7	.0096	.592	.594	5	45.4
1211	5.597	.005	3	0	81669.	0.	81668.77	1.000	409.3	1582.5	1565.1	360.7	1.2	5.7	.0096	.594	.593	5	45.4
1212	5.602	.005	3	0	81736.	0.	81736.09	1.000	410.5	1582.4	1565.1	361.8	1.2	5.6	.0096	.593	.595	5	45.4
1213	5.608	.005	3	0	81801.	0.	81800.55	1.000	411.7	1582.4	1565.1	363.0	1.2	5.6	.0096	.595	.594	5	45.4
1214	5.613	.005	3	0	81862.	0.	81861.80	1.000	412.8	1582.4	1565.1	364.2	1.2	5.6	.0096	.594	.596	5	45.4
1215	5.618	.005	3	0	81922.	0.	81921.96	1.000	414.0	1582.4	1565.1	365.4	1.2	5.6	.0096	.596	.595	5	45.4
1216	5.624	.005	3	0	81978.	0.	81978.00	1.000	415.2	1582.3	1565.1	366.6	1.2	5.6	.0096	.595	.594	5	45.4
1217	5.629	.005	3	0	82033.	0.	82032.93	1.000	416.4	1582.3	1565.1	367.8	1.2	5.6	.0096	.597	.596	5	45.4
1218	5.634	.005	3	0	82085.	0.	82084.59	1.000	417.6	1582.3	1565.1	369.0	1.2	5.6	.0096	.596	.595	5	45.4
1219	5.640	.005	3	0	82133.	0.	82133.30	1.000	418.8	1582.2	1565.1	370.2	1.2	5.6	.0096	.598	.597	5	45.4
1220	5.645	.005	3	0	82181.	0.	82180.55	1.000	420.0	1582.2	1565.1	371.4	1.2	5.6	.0096	.597	.596	5	45.4
1221	5.651	.005	3	0	82225.	0.	82224.83	1.000	421.2	1582.2	1565.1	372.6	1.2	5.6	.0096	.598	.598	5	45.4
1222	5.656	.005	3	0	82266.	0.	82265.78	1.000	422.4	1582.2	1565.1	373.8	1.2	5.6	.0096	.597	.597	5	45.4
1223	5.661	.005	3	0	82304.	0.	82304.33	1.000	423.6	1582.1	1565.1	375.0	1.2	5.5	.0096	.596	.599	5	45.4
1224	5.667	.005	3	0	82341.	0.	82340.78	1.000	424.8	1582.1	1565.1	376.1	1.2	5.5	.0096	.598	.598	5	45.4
1225	5.672	.005	3	0	82374.	0.	82373.90	1.000	426.0	1582.1	1565.1	377.3	1.2	5.5	.0096	.597	.600	5	45.4
1226	5.677	.005	3	0	82405.	0.	82404.88	1.000	427.2	1582.0	1565.1	378.5	1.2	5.5	.0096	.599	.599	5	45.4
1227	5.683	.005	3	0	82432.	0.	82432.49	1.000	428.4	1582.0	1565.1	379.7	1.2	5.5	.0096	.598	.598	5	45.4
1228	5.688	.005	3	0	82459.	0.	82458.88	1.000	429.6	1582.0	1565.1	380.9	1.2	5.5	.0096	.600	.600	5	45.4
1229	5.693	.005	3	0	82482.	0.	82481.88	1.000	430.8	1582.0	1565.1	382.1	1.2	5.5	.0096	.599	.599	5	45.4
1230	5.699	.005	3	0	82501.	0.	82501.47	1.000	432.0	1581.9	1565.1	383.3	1.2	5.5	.0096	.598	.600	5	45.4
1231	5.704	.005	3	0	82520.	0.	82519.82	1.000	433.2	1581.9	1565.1	384.5	1.2	5.5	.0096	.600	.599	5	45.4
1232	5.709	.005	3	0	82535.	0.	82534.75	1.000	434.4	1581.9	1565.1	385.7	1.2	5.5	.0096	.599	.598	5	45.4

1233	5.715	.005	3	0	82547.	0.	82547.46	1.000	435.6	1581.8	1565.1	386.9	1.2	5.5	.0096	.601	.600	5	45.4
1234	5.720	.005	3	0	82558.	0.	82557.68	1.000	436.8	1581.8	1565.1	388.1	1.2	5.5	.0096	.600	.599	5	45.4
1235	5.725	.005	3	0	82564.	0.	82564.46	1.000	438.0	1581.8	1565.1	389.3	1.2	5.4	.0096	.598	.601	5	45.4
1236	5.731	.005	3	0	82569.	0.	82568.99	1.000	439.2	1581.7	1565.1	390.5	1.2	5.4	.0096	.600	.600	5	45.4
1237	5.736	.005	3	0	82570.	0.	82570.05	1.000	440.4	1581.7	1565.1	391.7	1.2	5.4	.0096	.599	.599	5	45.4
1238	5.742	.005	3	0	82570.	0.	82569.79	1.000	441.6	1581.7	1565.1	392.9	1.2	5.4	.0096	.601	.601	5	45.4
1239	5.747	.005	3	0	82567.	0.	82566.98	1.000	442.8	1581.6	1565.1	394.1	1.2	5.4	.0096	.600	.599	5	45.4
1240	5.752	.005	3	0	82561.	0.	82560.71	1.000	444.0	1581.6	1565.1	395.3	1.2	5.4	.0096	.599	.598	5	45.4
1241	5.758	.005	3	0	82552.	0.	82552.13	1.000	445.2	1581.6	1565.1	396.5	1.2	5.4	.0096	.601	.600	5	45.4
1242	5.763	.005	3	0	82541.	0.	82541.01	1.000	446.4	1581.5	1565.1	397.7	1.2	5.4	.0096	.600	.599	5	45.4
1243	5.768	.005	3	0	82526.	0.	82526.39	1.000	447.6	1581.5	1565.1	398.9	1.2	5.4	.0096	.598	.601	5	45.4
1244	5.774	.005	3	0	82510.	0.	82510.37	1.000	448.8	1581.5	1565.1	400.1	1.2	5.4	.0096	.600	.600	5	45.4
1245	5.779	.005	3	0	82491.	0.	82490.84	1.000	450.0	1581.4	1565.1	401.3	1.2	5.3	.0096	.599	.599	5	45.4
1246	5.784	.005	3	0	82469.	0.	82468.74	1.000	451.1	1581.4	1565.1	402.5	1.2	5.3	.0096	.598	.600	5	45.4
1247	5.790	.005	3	0	82444.	0.	82444.27	1.000	452.3	1581.4	1565.1	403.7	1.2	5.3	.0096	.600	.599	5	45.4
1248	5.795	.005	3	0	82417.	0.	82417.24	1.000	453.5	1581.3	1565.1	404.9	1.2	5.3	.0096	.599	.598	5	45.4
1249	5.800	.005	3	0	82387.	0.	82386.66	1.000	454.7	1581.3	1565.1	406.1	1.2	5.3	.0096	.597	.600	5	45.4
1250	5.806	.005	3	0	82355.	0.	82354.65	1.000	455.9	1581.3	1565.1	407.3	1.2	5.3	.0096	.599	.599	5	45.4
1251	5.811	.005	3	0	82319.	0.	82319.07	1.000	457.1	1581.2	1565.1	408.5	1.2	5.3	.0096	.598	.598	5	45.4
1252	5.817	.005	3	0	82281.	0.	82280.91	1.000	458.3	1581.2	1565.1	409.7	1.2	5.3	.0096	.597	.596	5	45.4
1253	5.822	.005	3	0	82241.	0.	82241.30	1.000	459.5	1581.2	1565.1	410.9	1.2	5.3	.0096	.599	.598	5	45.4
1254	5.827	.005	3	0	82198.	0.	82198.10	1.000	460.7	1581.1	1565.1	412.1	1.2	5.2	.0096	.597	.597	5	45.4
1255	5.833	.005	3	0	82152.	0.	82152.33	1.000	461.9	1581.1	1565.1	413.3	1.2	5.2	.0096	.596	.596	5	45.4
1256	5.838	.005	3	0	82104.	0.	82103.97	1.000	463.1	1581.1	1565.1	414.5	1.2	5.2	.0096	.595	.597	5	45.4
1257	5.843	.005	3	0	82053.	0.	82053.12	1.000	464.3	1581.0	1565.1	415.7	1.2	5.2	.0096	.597	.596	5	45.4
1258	5.849	.005	3	0	82000.	0.	81999.68	1.000	465.5	1581.0	1565.1	416.9	1.2	5.2	.0096	.596	.595	5	45.4
1259	5.854	.005	3	0	81944.	0.	81943.63	1.000	466.7	1581.0	1565.1	418.0	1.2	5.2	.0096	.594	.594	5	45.4
1260	5.859	.005	3	0	81885.	0.	81885.09	1.000	467.9	1580.9	1565.1	419.2	1.2	5.2	.0096	.596	.596	5	45.4
1261	5.865	.005	3	0	81824.	0.	81823.95	1.000	469.1	1580.9	1565.1	420.4	1.2	5.2	.0096	.595	.594	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1262	5.870	.005	3	0	81760.	0.	81760.20	1.000	470.2	1580.9	1565.1	421.6	1.2	5.2	.0096	.594	.593	5	45.4
1263	5.875	.005	3	0	81694.	0.	81693.83	1.000	471.4	1580.8	1565.1	422.8	1.2	5.1	.0096	.592	.595	5	45.4
1264	5.881	.005	3	0	81625.	0.	81624.93	1.000	472.6	1580.8	1565.1	424.0	1.2	5.1	.0096	.594	.593	5	45.4
1265	5.886	.005	3	0	81553.	0.	81553.44	1.000	473.8	1580.8	1565.1	425.2	1.2	5.1	.0096	.593	.592	5	45.4
1266	5.891	.005	3	0	81479.	0.	81479.32	1.000	475.0	1580.7	1565.1	426.4	1.2	5.1	.0096	.591	.591	5	45.4
1267	5.897	.005	3	0	81403.	0.	81402.58	1.000	476.2	1580.7	1565.1	427.5	1.2	5.1	.0096	.590	.593	5	45.4
1268	5.902	.005	3	0	81323.	0.	81323.30	1.000	477.4	1580.6	1565.1	428.7	1.2	5.1	.0096	.592	.591	5	45.4
1269	5.908	.005	3	0	81242.	0.	81242.41	1.000	478.5	1580.6	1565.1	429.9	1.2	5.1	.0096	.591	.590	5	45.4
1270	5.913	.005	3	0	81158.	0.	81157.89	1.000	479.7	1580.6	1565.1	431.1	1.2	5.1	.0096	.589	.589	5	45.4
1271	5.918	.005	3	0	81071.	0.	81070.76	1.000	480.9	1580.5	1565.1	432.3	1.2	5.0	.0096	.588	.588	5	45.4
1272	5.924	.005	3	0	80981.	0.	80981.02	1.000	482.1	1580.5	1565.1	433.4	1.2	5.0	.0096	.587	.589	5	45.4
1273	5.929	.005	3	0	80891.	0.	80890.70	1.000	483.2	1580.5	1565.1	434.6	1.2	5.0	.0096	.588	.588	5	45.4
1274	5.934	.005	3	0	80796.	0.	80795.77	1.000	484.4	1580.4	1565.1	435.8	1.2	5.0	.0096	.587	.587	5	45.4
1275	5.940	.005	3	0	80699.	0.	80699.23	1.000	485.6	1580.4	1565.1	437.0	1.2	5.0	.0096	.586	.585	5	45.4
1276	5.945	.005	3	0	80600.	0.	80600.07	1.000	486.8	1580.3	1565.1	438.1	1.2	5.0	.0096	.585	.584	5	45.4
1277	5.950	.005	3	0	80499.	0.	80499.34	1.000	487.9	1580.3	1565.1	439.3	1.2	5.0	.0096	.586	.586	5	45.4
1278	5.956	.005	3	0	80396.	0.	80395.98	1.000	489.1	1580.3	1565.1	440.5	1.2	5.0	.0096	.585	.584	5	45.4
1279	5.961	.005	3	0	80290.	0.	80290.02	1.000	490.3	1580.2	1565.1	441.6	1.2	5.0	.0096	.583	.583	5	45.4
1280	5.966	.005	3	0	80181.	0.	80181.45	1.000	491.4	1580.2	1565.1	442.8	1.2	4.9	.0096	.582	.582	5	45.4
1281	5.972	.005	3	0	80069.	0.	80069.30	1.000	492.6	1580.2	1565.1	444.0	1.2	4.9	.0096	.581	.580	5	45.4
1282	5.977	.005	3	0	79956.	0.	79955.54	1.000	493.7	1580.1	1565.1	445.1	1.2	4.9	.0096	.580	.582	5	45.4
1283	5.983	.005	3	0	79840.	0.	79840.17	1.000	494.9	1580.1	1565.1	446.3	1.2	4.9	.0096	.581	.581	5	45.4
1284	5.988	.005	3	0	79723.	0.	79723.23	1.000	496.1	1580.0	1565.1	447.4	1.2	4.9	.0096	.580	.579	5	45.4
1285	5.993	.005	3	0	79603.	0.	79602.67	1.000	497.2	1580.0	1565.1	448.6	1.2	4.9	.0096	.578	.578	5	45.4
1286	5.999	.005	3	0	79480.	0.	79479.53	1.000	498.4	1580.0	1565.1	449.7	1.2	4.9	.0096	.577	.577	5	45.4
1287	6.004	.005	3	0	79355.	0.	79354.82	1.000	499.5	1579.9	1565.1	450.9	1.2	4.9	.0096	.576	.575	5	45.4

1288	6.009	.005	3	0	79227.	0.	79226.52	1.000	500.7	1579.9	1565.1	452.0	1.1	4.8	.0096	.574	.577	5	45.4
1289	6.015	.005	3	0	79098.	0.	79097.61	1.000	501.8	1579.8	1565.1	453.2	1.2	4.8	.0096	.576	.575	5	45.4
1290	6.020	.005	3	0	78966.	0.	78966.14	1.000	503.0	1579.8	1565.1	454.3	1.1	4.8	.0096	.574	.574	5	45.4
1291	6.025	.005	3	0	78832.	0.	78832.09	1.000	504.1	1579.8	1565.1	455.5	1.1	4.8	.0096	.573	.573	5	45.4
1292	6.031	.005	3	0	78695.	0.	78695.48	1.000	505.3	1579.7	1565.1	456.6	1.1	4.8	.0096	.572	.571	5	45.4
1293	6.036	.005	3	0	78557.	0.	78557.31	1.000	506.4	1579.7	1565.1	457.8	1.1	4.8	.0096	.570	.570	5	45.4
1294	6.041	.005	3	0	78416.	0.	78416.59	1.000	507.5	1579.6	1565.1	458.9	1.1	4.8	.0096	.569	.568	5	45.4
1295	6.047	.005	3	0	78273.	0.	78273.34	1.000	508.7	1579.6	1565.1	460.0	1.1	4.8	.0096	.568	.567	5	45.4
1296	6.052	.005	3	0	78128.	0.	78127.55	1.000	509.8	1579.6	1565.1	461.2	1.1	4.7	.0096	.566	.569	5	45.4
1297	6.057	.005	3	0	77981.	0.	77981.13	1.000	510.9	1579.5	1565.1	462.3	1.1	4.7	.0096	.568	.567	5	45.4
1298	6.063	.005	3	0	77832.	0.	77832.19	1.000	512.1	1579.5	1565.1	463.4	1.1	4.7	.0096	.566	.565	5	45.4
1299	6.068	.005	3	0	77681.	0.	77680.72	1.000	513.2	1579.4	1565.1	464.6	1.1	4.7	.0096	.565	.564	5	45.4
1300	6.074	.005	3	0	77528.	0.	77527.73	1.000	514.3	1579.4	1565.1	465.7	1.1	4.7	.0096	.563	.563	5	45.4
1301	6.079	.005	3	0	77372.	0.	77372.23	1.000	515.5	1579.4	1565.1	466.8	1.1	4.7	.0096	.562	.562	5	45.4
1302	6.084	.005	3	0	77214.	0.	77214.23	1.000	516.6	1579.3	1565.1	468.0	1.1	4.7	.0096	.561	.560	5	45.4
1303	6.090	.005	3	0	77055.	0.	77054.75	1.000	517.7	1579.3	1565.1	469.1	1.1	4.7	.0096	.559	.559	5	45.4
1304	6.095	.005	3	0	76893.	0.	76892.77	1.000	518.8	1579.2	1565.1	470.2	1.1	4.7	.0096	.558	.557	5	45.4
1305	6.100	.005	3	0	76729.	0.	76729.31	1.000	519.9	1579.2	1565.1	471.3	1.1	4.6	.0096	.556	.556	5	45.4
1306	6.106	.005	3	0	76563.	0.	76563.39	1.000	521.0	1579.2	1565.1	472.4	1.1	4.6	.0096	.555	.557	5	45.4
1307	6.111	.005	3	0	76395.	0.	76394.98	1.000	522.1	1579.1	1565.1	473.5	1.1	4.6	.0096	.554	.556	5	45.4
1308	6.116	.005	3	0	76226.	0.	76226.00	1.000	523.3	1579.1	1565.1	474.6	1.1	4.6	.0096	.555	.554	5	45.4
1309	6.122	.005	3	0	76056.	0.	76055.55	1.000	524.4	1579.0	1565.1	475.7	1.1	4.6	.0096	.553	.553	5	45.4
1310	6.127	.005	3	0	75883.	0.	75882.64	1.000	525.5	1579.0	1565.1	476.8	1.1	4.6	.0096	.552	.552	5	45.4
1311	6.132	.005	3	0	75707.	0.	75707.30	1.000	526.6	1579.0	1565.1	477.9	1.1	4.6	.0096	.551	.550	5	45.4
1312	6.138	.005	3	0	75531.	0.	75530.53	1.000	527.7	1578.9	1565.1	479.0	1.1	4.6	.0096	.549	.549	5	45.4
1313	6.143	.005	3	0	75351.	0.	75351.32	1.000	528.8	1578.9	1565.1	480.1	1.1	4.5	.0096	.548	.547	5	45.4
1314	6.149	.005	3	0	75172.	0.	75171.74	1.000	529.9	1578.8	1565.1	481.2	1.1	4.5	.0096	.546	.546	5	45.4
1315	6.154	.005	3	0	74989.	0.	74988.73	1.000	530.9	1578.8	1565.1	482.3	1.1	4.5	.0096	.545	.544	5	45.4
1316	6.159	.005	3	0	74804.	0.	74804.30	1.000	532.0	1578.7	1565.1	483.4	1.1	4.5	.0096	.543	.543	5	45.4
1317	6.165	.005	3	0	74619.	0.	74618.54	1.000	533.1	1578.7	1565.1	484.5	1.1	4.5	.0096	.542	.542	5	45.4
1318	6.170	.005	3	0	74431.	0.	74431.38	1.000	534.2	1578.7	1565.1	485.6	1.1	4.5	.0096	.541	.540	5	45.4
1319	6.175	.005	3	0	74242.	0.	74241.84	1.000	535.3	1578.6	1565.1	486.6	1.1	4.5	.0096	.539	.539	5	45.4
1320	6.181	.005	3	0	74050.	0.	74049.93	1.000	536.4	1578.6	1565.1	487.7	1.1	4.5	.0096	.538	.537	5	45.4
1321	6.186	.005	3	0	73858.	0.	73857.71	1.000	537.4	1578.5	1565.1	488.8	1.1	4.4	.0096	.536	.536	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1322	6.191	.005	3	0	73663.	0.	73663.13	1.000	538.5	1578.5	1565.1	489.9	1.1	4.4	.0096	.535	.534	5	45.4
1323	6.197	.005	3	0	73467.	0.	73467.24	1.000	539.6	1578.5	1565.1	490.9	1.1	4.4	.0096	.533	.533	5	45.4
1324	6.202	.005	3	0	73269.	0.	73268.99	1.000	540.6	1578.4	1565.1	492.0	1.1	4.4	.0096	.532	.531	5	45.4
1325	6.207	.005	3	0	73069.	0.	73069.46	1.000	541.7	1578.4	1565.1	493.1	1.1	4.4	.0096	.530	.530	5	45.4
1326	6.213	.005	3	0	72869.	0.	72868.63	1.000	542.7	1578.3	1565.1	494.1	1.1	4.4	.0096	.529	.529	5	45.4
1327	6.218	.005	3	0	72667.	0.	72666.52	1.000	543.8	1578.3	1565.1	495.2	1.1	4.4	.0096	.528	.527	5	45.4
1328	6.223	.005	3	0	72463.	0.	72463.14	1.000	544.8	1578.2	1565.1	496.2	1.1	4.3	.0096	.526	.526	5	45.4
1329	6.229	.005	3	0	72257.	0.	72257.45	1.000	545.9	1578.2	1565.1	497.3	1.0	4.3	.0096	.525	.524	5	45.4
1330	6.234	.005	3	0	72051.	0.	72050.52	1.000	546.9	1578.2	1565.1	498.3	1.0	4.3	.0096	.523	.523	5	45.4
1331	6.240	.005	3	0	71842.	0.	71842.34	1.000	548.0	1578.1	1565.1	499.4	1.0	4.3	.0096	.522	.521	5	45.4
1332	6.245	.005	3	0	71633.	0.	71632.93	1.000	549.0	1578.1	1565.1	500.4	1.0	4.3	.0096	.520	.520	5	45.4
1333	6.250	.005	3	0	71421.	0.	71421.27	1.000	550.1	1578.0	1565.1	501.4	1.0	4.3	.0096	.519	.518	5	45.4
1334	6.256	.005	3	0	71209.	0.	71209.41	1.000	551.1	1578.0	1565.1	502.5	1.0	4.3	.0096	.517	.517	5	45.4
1335	6.261	.005	3	0	70995.	0.	70995.34	1.000	552.1	1578.0	1565.1	503.5	1.0	4.3	.0096	.516	.515	5	45.4
1336	6.266	.005	3	0	70780.	0.	70780.05	1.000	553.2	1577.9	1565.1	504.5	1.0	4.2	.0096	.514	.514	5	45.4
1337	6.272	.005	3	0	70563.	0.	70563.58	1.000	554.2	1577.9	1565.1	505.6	1.0	4.2	.0096	.513	.512	5	45.4
1338	6.277	.005	3	0	70347.	0.	70347.00	1.000	555.2	1577.8	1565.1	506.6	1.0	4.2	.0096	.511	.511	5	45.4
1339	6.282	.005	3	0	70128.	0.	70128.20	1.000	556.2	1577.8	1565.1	507.6	1.0	4.2	.0096	.510	.510	5	45.4
1340	6.288	.005	3	0	69908.	0.	69908.24	1.000	557.2	1577.7	1565.1	508.6	1.0	4.2	.0096	.508	.508	5	45.4
1341	6.293	.005	3	0	69690.	0.	69689.78	1.000	558.3	1577.7	1565.1	509.6	1.0	4.2	.0096	.507	.507	5	45.4
1342	6.298	.005	3	0	69473.	0.	69472.78	1.000	559.3	1577.7	1565.1	510.6	1.0	4.2	.0096	.505	.505	5	45.4

1343	6.304	.005	3	0	69256.	0.	69255.69	1.000	560.3	1577.6	1565.1	511.6	1.0	4.2	.0096	.504	.504	5	45.4
1344	6.309	.005	3	0	69036.	0.	69035.81	1.000	561.3	1577.6	1565.1	512.6	1.0	4.1	.0096	.500	.502	5	45.4
1345	6.315	.005	3	0	68815.	0.	68814.84	1.000	562.3	1577.5	1565.1	513.6	1.0	4.1	.0096	.499	.501	5	45.4
1346	6.320	.005	3	0	68593.	0.	68592.77	1.000	563.3	1577.5	1565.1	514.6	1.0	4.1	.0096	.497	.499	5	45.4
1347	6.325	.005	3	0	68370.	0.	68369.64	1.000	564.3	1577.5	1565.1	515.6	1.0	4.1	.0096	.496	.495	5	45.4
1348	6.331	.005	3	0	68145.	0.	68145.44	1.000	565.3	1577.4	1565.1	516.6	1.0	4.1	.0096	.494	.494	5	45.4
1349	6.336	.005	3	0	67921.	0.	67921.16	1.000	566.2	1577.4	1565.1	517.6	1.0	4.1	.0096	.493	.492	5	45.4
1350	6.341	.005	3	0	67695.	0.	67694.68	1.000	567.2	1577.3	1565.1	518.6	1.0	4.1	.0096	.491	.491	5	45.4
1351	6.347	.005	3	0	67468.	0.	67467.89	1.000	568.2	1577.3	1565.1	519.6	1.0	4.1	.0096	.490	.489	5	45.4
1352	6.352	.005	3	0	67239.	0.	67238.59	1.000	569.2	1577.2	1565.1	520.5	1.0	4.0	.0096	.488	.488	5	45.4
1353	6.357	.005	3	0	67009.	0.	67008.73	1.000	570.1	1577.2	1565.1	521.5	1.0	4.0	.0096	.487	.486	5	45.4
1354	6.363	.005	3	0	66777.	0.	66777.13	1.000	571.1	1577.2	1565.1	522.5	1.0	4.0	.0096	.485	.485	5	45.4
1355	6.368	.005	3	0	66544.	0.	66543.63	1.000	572.1	1577.1	1565.1	523.5	1.0	4.0	.0096	.484	.483	5	45.4
1356	6.373	.005	3	0	66308.	0.	66308.08	1.000	573.1	1577.1	1565.1	524.4	1.0	4.0	.0096	.482	.482	5	45.4
1357	6.379	.005	3	0	66076.	0.	66075.79	1.000	574.0	1577.0	1565.1	525.4	1.0	4.0	.0096	.481	.481	5	45.4
1358	6.384	.005	3	0	65843.	0.	65842.99	1.000	575.0	1577.0	1565.1	526.3	1.0	4.0	.0096	.477	.479	5	45.4
1359	6.389	.005	3	0	65608.	0.	65608.23	1.000	575.9	1576.9	1565.1	527.3	1.0	3.9	.0096	.476	.475	5	45.4
1360	6.395	.005	3	0	65374.	0.	65373.55	1.000	576.9	1576.9	1565.1	528.2	.9	3.9	.0096	.474	.474	5	45.4
1361	6.400	.005	3	0	65138.	0.	65137.95	1.000	577.8	1576.9	1565.1	529.2	.9	3.9	.0096	.473	.472	5	45.4
1362	6.406	.005	3	0	64902.	0.	64902.46	1.000	578.8	1576.8	1565.1	530.1	.9	3.9	.0096	.471	.471	5	45.4
1363	6.411	.005	3	0	64665.	0.	64665.01	1.000	579.7	1576.8	1565.1	531.1	.9	3.9	.0096	.470	.469	5	45.4
1364	6.416	.005	3	0	64428.	0.	64427.71	1.000	580.6	1576.7	1565.1	532.0	.9	3.9	.0096	.468	.468	5	45.4
1365	6.422	.005	3	0	64190.	0.	64189.50	1.000	581.6	1576.7	1565.1	532.9	.9	3.9	.0096	.467	.466	5	45.4
1366	6.427	.005	3	0	63950.	0.	63950.43	1.000	582.5	1576.7	1565.1	533.9	.9	3.9	.0096	.465	.465	5	45.4
1367	6.432	.005	3	0	63711.	0.	63710.97	1.000	583.4	1576.6	1565.1	534.8	.9	3.8	.0096	.462	.464	5	45.4
1368	6.438	.005	3	0	63470.	0.	63469.98	1.000	584.3	1576.6	1565.1	535.7	.9	3.9	.0096	.462	.462	0	45.4
1369	6.443	.005	3	0	63228.	0.	63228.75	1.000	585.3	1576.5	1565.1	536.6	.9	3.8	.0096	.458	.460	5	45.4
1370	6.448	.005	3	0	62986.	0.	62985.99	1.000	586.2	1576.5	1565.1	537.5	.9	3.8	.0096	.458	.458	0	45.4
1371	6.454	.005	3	0	62743.	0.	62743.01	1.000	587.1	1576.4	1565.1	538.5	.9	3.8	.0096	.455	.455	5	45.4
1372	6.459	.005	3	0	62501.	0.	62501.26	1.000	588.0	1576.4	1565.1	539.4	.9	3.8	.0096	.454	.453	5	45.4
1373	6.464	.005	3	0	62258.	0.	62257.69	1.000	588.9	1576.4	1565.1	540.3	.9	3.8	.0096	.452	.452	5	45.4
1374	6.470	.005	3	0	62011.	0.	62011.48	1.000	589.8	1576.3	1565.1	541.2	.9	3.8	.0096	.451	.450	5	45.4
1375	6.475	.005	3	0	61761.	0.	61761.18	1.000	590.7	1576.3	1565.1	542.1	.9	3.7	.0096	.449	.449	5	45.4
1376	6.481	.005	3	0	61509.	0.	61509.07	1.000	591.6	1576.2	1565.1	543.0	.9	3.7	.0096	.446	.447	5	45.4
1377	6.486	.005	3	0	61255.	0.	61254.87	.999	592.5	1576.2	1565.1	543.8	.9	3.7	.0096	.446	.446	0	45.4
1378	6.491	.005	3	0	60998.	0.	60997.52	.999	593.4	1576.2	1565.1	544.7	.9	3.7	.0096	.442	.442	5	45.4
1379	6.497	.005	3	0	60738.	0.	60738.41	.999	594.2	1576.1	1565.1	545.6	.9	3.7	.0096	.441	.441	5	45.4
1380	6.502	.005	3	0	60477.	0.	60477.34	.999	595.1	1576.1	1565.1	546.5	.9	3.7	.0096	.439	.439	5	45.4
1381	6.507	.005	3	0	60213.	0.	60213.10	.998	596.0	1576.0	1565.1	547.4	.9	3.7	.0096	.438	.438	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1382	6.513	.005	3	0	59947.	0.	59947.03	.998	596.9	1576.0	1565.1	548.2	.9	3.6	.0096	.434	.436	5	45.4
1383	6.518	.005	3	0	59677.	0.	59677.44	.998	597.7	1576.0	1565.1	549.1	.9	3.6	.0096	.433	.433	5	45.4
1384	6.523	.005	3	0	59405.	0.	59405.14	.997	598.6	1575.9	1565.1	550.0	.9	3.6	.0096	.432	.431	5	45.4
1385	6.529	.005	3	0	59129.	0.	59128.86	.997	599.5	1575.9	1565.1	550.8	.9	3.6	.0096	.430	.430	5	45.4
1386	6.534	.005	3	0	58850.	0.	58850.16	.996	600.3	1575.8	1565.1	551.7	.9	3.6	.0096	.427	.428	5	45.4
1387	6.539	.005	3	0	58567.	0.	58567.08	.995	601.2	1575.8	1565.1	552.5	.9	3.6	.0096	.425	.425	5	45.4
1388	6.545	.005	3	0	58323.	0.	58322.51	.995	602.0	1575.8	1565.1	553.4	.8	3.6	.0096	.424	.423	5	45.4
1389	6.550	.005	3	0	58078.	0.	58078.33	.995	602.9	1575.7	1565.1	554.2	.8	3.6	.0096	.422	.422	5	45.4
1390	6.555	.005	3	0	57834.	0.	57833.52	.995	603.7	1575.7	1565.1	555.1	.8	3.6	.0096	.421	.420	5	45.4
1391	6.561	.005	3	0	57589.	0.	57588.67	.995	604.5	1575.6	1565.1	555.9	.8	3.5	.0096	.417	.419	5	45.4
1392	6.566	.005	3	0	57344.	0.	57344.23	.995	605.4	1575.6	1565.1	556.7	.8	3.5	.0096	.416	.416	5	45.4
1393	6.572	.005	3	0	57098.	0.	57098.20	.995	606.2	1575.6	1565.1	557.6	.8	3.5	.0096	.415	.414	5	45.4
1394	6.577	.005	3	0	56854.	0.	56853.59	.995	607.0	1575.5	1565.1	558.4	.8	3.5	.0096	.413	.413	5	45.4
1395	6.582	.005	3	0	56608.	0.	56608.40	.995	607.8	1575.5	1565.1	559.2	.8	3.5	.0096	.412	.411	5	45.4
1396	6.588	.005	3	0	56362.	0.	56362.25	.995	608.7	1575.4	1565.1	560.0	.8	3.5	.0096	.408	.410	5	45.4
1397	6.593	.005	3	0	56117.	0.	56116.54	.995	609.5	1575.4	1565.1	560.8	.8	3.5	.0096	.407	.407	5	45.4

1398	6.598	.005	3	0	55870.	0.	55870.29	.995	610.3	1575.4	1565.1	561.7	.8	3.5	.0096	.405	.405	5	45.4
1399	6.604	.005	3	0	55625.	0.	55624.51	.995	611.1	1575.3	1565.1	562.5	.8	3.4	.0096	.404	.404	5	45.4
1400	6.609	.005	3	0	55379.	0.	55379.20	.995	611.9	1575.3	1565.1	563.3	.8	3.4	.0096	.403	.402	5	45.4
1401	6.614	.005	3	0	55133.	0.	55133.18	.995	612.7	1575.2	1565.1	564.1	.8	3.4	.0096	.400	.400	5	45.4
1402	6.620	.005	3	0	54887.	0.	54887.28	.995	613.5	1575.2	1565.1	564.9	.8	3.4	.0096	.397	.398	5	45.4
1403	6.625	.005	3	0	54641.	0.	54641.24	.995	614.3	1575.2	1565.1	565.7	.8	3.4	.0096	.398	.398	5	45.4
1404	6.630	.005	3	0	54395.	0.	54395.35	.995	615.1	1575.1	1565.1	566.4	.8	3.4	.0096	.394	.395	5	45.4
1405	6.636	.005	3	0	54126.	0.	54126.39	.995	615.9	1575.1	1565.1	567.2	.8	3.4	.0096	.395	.392	5	45.4
1406	6.641	.005	3	0	53839.	0.	53838.89	.994	616.6	1575.0	1565.1	568.0	.8	3.4	.0096	.391	.392	5	45.4
1407	6.647	.005	3	0	53546.	0.	53546.30	.993	617.4	1575.0	1565.1	568.8	.8	3.3	.0096	.388	.389	5	45.4
1408	6.652	.005	3	0	53251.	0.	53250.70	.992	618.2	1575.0	1565.1	569.6	.8	3.3	.0096	.385	.385	5	45.4
1409	6.657	.005	3	0	52953.	0.	52952.66	.991	619.0	1574.9	1565.1	570.3	.8	3.3	.0096	.385	.386	5	45.4
1410	6.663	.005	3	0	52649.	0.	52648.90	.990	619.7	1574.9	1565.1	571.1	.8	3.3	.0096	.382	.383	5	45.4
1411	6.668	.005	3	0	52343.	0.	52342.84	.989	620.5	1574.9	1565.1	571.9	.8	3.3	.0096	.379	.380	5	45.4
1412	6.673	.005	3	0	52032.	0.	52032.34	.988	621.2	1574.8	1565.1	572.6	.8	3.3	.0096	.379	.376	5	45.4
1413	6.679	.005	3	0	51717.	0.	51717.22	.986	622.0	1574.8	1565.1	573.4	.8	3.3	.0096	.376	.377	5	45.4
1414	6.684	.005	3	0	51399.	0.	51398.85	.985	622.7	1574.7	1565.1	574.1	.7	3.2	.0096	.373	.374	5	45.4
1415	6.689	.005	3	0	51075.	0.	51075.33	.983	623.5	1574.7	1565.1	574.9	.7	3.2	.0096	.370	.370	5	45.4
1416	6.695	.005	3	0	50748.	0.	50747.84	.981	624.2	1574.7	1565.1	575.6	.7	3.2	.0096	.367	.367	5	45.4
1417	6.700	.005	3	0	50516.	0.	50516.96	.981	625.0	1574.6	1565.1	576.3	.7	3.2	.0096	.367	.368	5	45.4
1418	6.705	.005	3	0	50285.	0.	50285.39	.981	625.7	1574.6	1565.1	577.0	.7	3.2	.0096	.364	.365	5	45.4
1419	6.711	.005	3	0	50055.	0.	50054.74	.981	626.4	1574.6	1565.1	577.8	.7	3.2	.0096	.364	.365	5	45.4
1420	6.716	.005	3	0	49824.	0.	49824.40	.981	627.1	1574.5	1565.1	578.5	.7	3.2	.0096	.361	.362	5	45.4
1421	6.721	.005	3	0	49594.	0.	49594.38	.981	627.8	1574.5	1565.1	579.2	.7	3.1	.0096	.358	.359	5	45.4
1422	6.727	.005	3	0	49363.	0.	49363.35	.981	628.6	1574.4	1565.1	579.9	.7	3.1	.0096	.359	.359	5	45.4
1423	6.732	.005	3	0	49134.	0.	49133.64	.981	629.3	1574.4	1565.1	580.6	.7	3.1	.0096	.356	.356	5	45.4
1424	6.738	.005	3	0	48904.	0.	48903.88	.981	630.0	1574.4	1565.1	581.4	.7	3.1	.0096	.356	.357	5	45.4
1425	6.743	.005	3	0	48674.	0.	48674.48	.981	630.7	1574.3	1565.1	582.1	.7	3.1	.0096	.353	.354	5	45.4
1426	6.748	.005	3	0	48444.	0.	48444.50	.981	631.4	1574.3	1565.1	582.8	.7	3.1	.0096	.350	.351	5	45.4
1427	6.754	.005	3	0	48214.	0.	48214.48	.981	632.1	1574.3	1565.1	583.5	.7	3.1	.0096	.350	.351	5	45.4
1428	6.759	.005	3	0	47986.	0.	47985.82	.981	632.8	1574.2	1565.1	584.2	.7	3.1	.0096	.347	.348	5	45.4
1429	6.764	.005	3	0	47757.	0.	47757.15	.981	633.5	1574.2	1565.1	584.9	.7	3.1	.0096	.348	.345	5	45.4
1430	6.770	.005	3	0	47528.	0.	47527.92	.981	634.2	1574.2	1565.1	585.5	.7	3.1	.0096	.345	.345	5	45.4
1431	6.775	.005	3	0	47299.	0.	47299.10	.981	634.9	1574.1	1565.1	586.2	.7	3.0	.0096	.342	.342	5	45.4
1432	6.780	.005	3	0	47071.	0.	47071.25	.981	635.5	1574.1	1565.1	586.9	.7	3.0	.0096	.342	.343	5	45.4
1433	6.786	.005	3	0	46843.	0.	46842.86	.981	636.2	1574.0	1565.1	587.6	.7	3.0	.0096	.339	.340	5	45.4
1434	6.791	.005	3	0	46615.	0.	46615.44	.981	636.9	1574.0	1565.1	588.3	.7	3.0	.0096	.340	.337	5	45.4
1435	6.796	.005	3	0	46317.	0.	46317.46	.979	637.6	1574.0	1565.1	588.9	.7	3.0	.0096	.337	.337	5	45.4
1436	6.802	.005	3	0	45991.	0.	45990.80	.977	638.2	1573.9	1565.1	589.6	.7	3.0	.0096	.334	.334	5	45.4
1437	6.807	.005	3	0	45661.	0.	45660.70	.975	638.9	1573.9	1565.1	590.3	.7	3.0	.0096	.331	.331	5	45.4
1438	6.813	.005	3	0	45326.	0.	45326.46	.973	639.6	1573.9	1565.1	590.9	.7	2.9	.0096	.328	.329	5	45.4
1439	6.818	.005	3	0	44988.	0.	44988.02	.970	640.2	1573.8	1565.1	591.6	.7	2.9	.0096	.325	.326	5	45.4
1440	6.823	.005	3	0	44646.	0.	44646.32	.967	640.9	1573.8	1565.1	592.2	.7	2.9	.0096	.326	.323	5	45.4
1441	6.829	.005	3	0	44301.	0.	44300.74	.964	641.5	1573.8	1565.1	592.9	.6	2.9	.0096	.323	.320	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1442	6.834	.005	3	0	43951.	0.	43951.27	.961	642.1	1573.7	1565.1	593.5	.6	2.9	.0096	.320	.320	5	45.4
1443	6.839	.005	3	0	43599.	0.	43598.73	.958	642.8	1573.7	1565.1	594.1	.6	2.9	.0096	.317	.318	5	45.4
1444	6.845	.005	3	0	43242.	0.	43241.74	.955	643.4	1573.7	1565.1	594.8	.6	2.9	.0096	.314	.315	5	45.4
1445	6.850	.005	3	0	42882.	0.	42881.84	.951	644.0	1573.6	1565.1	595.4	.6	2.8	.0096	.312	.312	5	45.4
1446	6.855	.005	3	0	42683.	0.	42683.30	.951	644.7	1573.6	1565.1	596.0	.6	2.8	.0096	.309	.309	5	45.4
1447	6.861	.005	3	0	42486.	0.	42485.70	.951	645.3	1573.6	1565.1	596.6	.6	2.8	.0096	.309	.310	5	45.4
1448	6.866	.005	3	0	42288.	0.	42287.71	.951	645.9	1573.5	1565.1	597.3	.6	2.8	.0096	.307	.307	5	45.4
1449	6.871	.005	3	0	42090.	0.	42089.73	.951	646.5	1573.5	1565.1	597.9	.6	2.8	.0096	.307	.304	5	45.4
1450	6.877	.005	3	0	41892.	0.	41892.30	.951	647.1	1573.5	1565.1	598.5	.6	2.8	.0096	.304	.305	5	45.4
1451	6.882	.005	3	0	41695.	0.	41695.41	.951	647.7	1573.4	1565.1	599.1	.6	2.8	.0096	.301	.302	5	45.4
1452	6.887	.005	3	0	41498.	0.	41497.63	.951	648.3	1573.4	1565.1	599.7	.6	2.8	.0096	.302	.302	5	45.4

1453	6.893	.005	3	0	41300.	0.	41300.41	.951	648.9	1573.4	1565.1	600.3	.6	2.8	.0096	.299	.300	5	45.4
1454	6.898	.005	3	0	41103.	0.	41103.23	.951	649.5	1573.4	1565.1	600.9	.6	2.8	.0096	.299	.297	5	45.4
1455	6.904	.005	3	0	40907.	0.	40906.62	.951	650.1	1573.3	1565.1	601.5	.6	2.7	.0096	.297	.297	5	45.4
1456	6.909	.005	3	0	40710.	0.	40709.67	.951	650.7	1573.3	1565.1	602.1	.6	2.7	.0096	.294	.295	5	45.4
1457	6.914	.005	3	0	40513.	0.	40512.77	.951	651.3	1573.3	1565.1	602.6	.6	2.7	.0096	.294	.295	5	45.4
1458	6.920	.005	3	0	40316.	0.	40316.45	.951	651.9	1573.2	1565.1	603.2	.6	2.7	.0096	.292	.292	5	45.4
1459	6.925	.005	3	0	40120.	0.	40120.20	.951	652.4	1573.2	1565.1	603.8	.6	2.7	.0096	.292	.290	5	45.4
1460	6.930	.005	3	0	39925.	0.	39924.53	.951	653.0	1573.2	1565.1	604.4	.6	2.7	.0096	.290	.290	5	45.4
1461	6.936	.005	3	0	39729.	0.	39728.57	.951	653.6	1573.1	1565.1	605.0	.6	2.7	.0096	.287	.287	5	45.4
1462	6.941	.005	3	0	39533.	0.	39532.67	.951	654.2	1573.1	1565.1	605.5	.6	2.7	.0096	.287	.288	5	45.4
1463	6.946	.005	3	0	39336.	0.	39336.47	.951	654.7	1573.1	1565.1	606.1	.6	2.7	.0096	.285	.285	5	45.4
1464	6.952	.005	3	0	39141.	0.	39141.27	.951	655.3	1573.0	1565.1	606.7	.6	2.7	.0096	.285	.283	5	45.4
1465	6.957	.005	3	0	38947.	0.	38946.68	.951	655.9	1573.0	1565.1	607.2	.6	2.7	.0096	.282	.283	5	45.4
1466	6.962	.005	3	0	38606.	0.	38606.14	.948	656.4	1573.0	1565.1	607.8	.6	2.6	.0096	.280	.280	5	45.4
1467	6.968	.005	3	0	38250.	0.	38250.35	.944	657.0	1572.9	1565.1	608.4	.6	2.6	.0096	.277	.278	5	45.4
1468	6.973	.005	3	0	37893.	0.	37892.54	.940	657.5	1572.9	1565.1	608.9	.6	2.6	.0096	.275	.275	5	45.4
1469	6.979	.005	3	0	37532.	0.	37532.33	.935	658.1	1572.9	1565.1	609.5	.5	2.6	.0096	.273	.273	5	45.4
1470	6.984	.005	3	0	37170.	0.	37169.77	.931	658.6	1572.9	1565.1	610.0	.5	2.6	.0096	.270	.271	5	45.4
1471	6.989	.005	3	0	36805.	0.	36804.79	.926	659.2	1572.8	1565.1	610.5	.5	2.6	.0096	.268	.268	5	45.4
1472	6.995	.005	3	0	36438.	0.	36438.44	.921	659.7	1572.8	1565.1	611.1	.5	2.5	.0096	.265	.263	5	45.4
1473	7.000	.005	3	0	36071.	0.	36070.88	.916	660.2	1572.8	1565.1	611.6	.5	2.5	.0096	.263	.261	5	45.4
1474	7.005	.005	3	0	35701.	0.	35701.13	.911	660.7	1572.7	1565.1	612.1	.5	2.5	.0096	.258	.259	5	45.4
1475	7.011	.005	3	0	35330.	0.	35330.43	.905	661.2	1572.7	1565.1	612.6	.5	2.5	.0096	.256	.256	5	45.4
1476	7.016	.005	3	0	34960.	0.	34960.01	.900	661.8	1572.7	1565.1	613.1	.5	2.5	.0096	.253	.254	5	45.4
1477	7.021	.005	3	0	34589.	0.	34589.15	.894	662.3	1572.7	1565.1	613.6	.5	2.5	.0096	.251	.252	5	45.4
1478	7.027	.005	3	0	34440.	0.	34440.14	.894	662.8	1572.6	1565.1	614.1	.5	2.4	.0096	.249	.249	5	45.4
1479	7.032	.005	3	0	34292.	0.	34292.03	.894	663.3	1572.6	1565.1	614.6	.5	2.4	.0096	.249	.250	5	45.4
1480	7.037	.005	3	0	34144.	0.	34143.69	.894	663.7	1572.6	1565.1	615.1	.5	2.4	.0096	.247	.247	5	45.4
1481	7.043	.005	3	0	33995.	0.	33994.57	.894	664.2	1572.6	1565.1	615.6	.5	2.4	.0096	.247	.248	5	45.4
1482	7.048	.005	3	0	33846.	0.	33846.07	.894	664.7	1572.5	1565.1	616.1	.5	2.4	.0096	.245	.245	5	45.4
1483	7.053	.005	3	0	33697.	0.	33696.80	.894	665.2	1572.5	1565.1	616.6	.5	2.4	.0096	.245	.245	5	45.4
1484	7.059	.005	3	0	33547.	0.	33547.32	.894	665.7	1572.5	1565.1	617.1	.5	2.4	.0096	.243	.243	5	45.4
1485	7.064	.005	3	0	33398.	0.	33397.90	.894	666.2	1572.5	1565.1	617.6	.5	2.4	.0096	.243	.243	5	45.4
1486	7.070	.005	3	0	33248.	0.	33248.29	.894	666.7	1572.4	1565.1	618.0	.5	2.4	.0096	.241	.241	5	45.4
1487	7.075	.005	3	0	33098.	0.	33097.91	.894	667.2	1572.4	1565.1	618.5	.5	2.4	.0096	.241	.239	5	45.4
1488	7.080	.005	3	0	32947.	0.	32947.35	.894	667.6	1572.4	1565.1	619.0	.5	2.4	.0096	.239	.239	5	45.4
1489	7.086	.005	3	0	32798.	0.	32797.70	.894	668.1	1572.4	1565.1	619.5	.5	2.4	.0096	.239	.237	5	45.4
1490	7.091	.005	3	0	32646.	0.	32646.21	.894	668.6	1572.3	1565.1	620.0	.5	2.4	.0096	.237	.237	5	45.4
1491	7.096	.005	3	0	32495.	0.	32495.38	.894	669.1	1572.3	1565.1	620.4	.5	2.3	.0096	.235	.235	5	45.4
1492	7.102	.005	3	0	32345.	0.	32344.63	.894	669.5	1572.3	1565.1	620.9	.5	2.3	.0096	.235	.235	5	45.4
1493	7.107	.005	3	0	32195.	0.	32194.56	.894	670.0	1572.3	1565.1	621.4	.5	2.3	.0096	.233	.233	5	45.4
1494	7.112	.005	3	0	32045.	0.	32045.39	.894	670.5	1572.2	1565.1	621.8	.5	2.3	.0096	.233	.233	5	45.4
1495	7.118	.005	3	0	31898.	0.	31897.72	.894	670.9	1572.2	1565.1	622.3	.5	2.3	.0096	.231	.231	5	45.4
1496	7.123	.005	3	0	31752.	0.	31751.79	.894	671.4	1572.2	1565.1	622.8	.5	2.3	.0096	.231	.231	5	45.4
1497	7.128	.005	3	0	31607.	0.	31606.53	.894	671.8	1572.2	1565.1	623.2	.5	2.3	.0096	.229	.229	5	45.4
1498	7.134	.005	3	0	31464.	0.	31463.82	.894	672.3	1572.1	1565.1	623.7	.5	2.3	.0096	.229	.227	5	45.4
1499	7.139	.005	3	0	31322.	0.	31321.78	.894	672.8	1572.1	1565.1	624.1	.5	2.3	.0096	.227	.227	5	45.4
1500	7.145	.005	3	0	31182.	0.	31182.28	.894	673.2	1572.1	1565.1	624.6	.5	2.3	.0096	.227	.225	5	45.4
1501	7.150	.005	3	0	31020.	0.	31019.79	.893	673.7	1572.1	1565.1	625.0	.5	2.3	.0096	.225	.226	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1502	7.155	.005	3	0	30680.	0.	30680.48	.888	674.1	1572.0	1565.1	625.5	.4	2.3	.0096	.223	.223	5	45.4
1503	7.161	.005	3	0	30347.	0.	30346.69	.882	674.5	1572.0	1565.1	625.9	.4	2.2	.0096	.221	.219	5	45.4
1504	7.166	.005	3	0	30017.	0.	30016.83	.876	675.0	1572.0	1565.1	626.3	.4	2.2	.0096	.217	.217	5	45.4
1505	7.171	.005	3	0	29692.	0.	29691.97	.870	675.4	1572.0	1565.1	626.8	.4	2.2	.0096	.215	.215	5	45.4
1506	7.177	.005	3	0	29374.	0.	29374.12	.864	675.8	1571.9	1565.1	627.2	.4	2.2	.0096	.213	.213	5	45.4
1507	7.182	.005	3	0	29062.	0.	29061.81	.858	676.3	1571.9	1565.1	627.6	.4	2.2	.0096	.211	.211	5	45.4

1508	7.187	.005	3	0	28756.	0.	28755.77	.852	676.7	1571.9	1565.1	628.0	.4	2.2	.0096	.209	.209	5	45.4
1509	7.193	.005	3	0	28456.	0.	28456.15	.846	677.1	1571.9	1565.1	628.5	.4	2.2	.0096	.207	.206	5	45.4
1510	7.198	.005	3	0	28164.	0.	28164.01	.840	677.5	1571.9	1565.1	628.9	.4	2.1	.0096	.203	.204	5	45.4
1511	7.203	.005	3	0	27879.	0.	27879.26	.834	677.9	1571.9	1565.1	629.3	.4	2.1	.0096	.201	.202	5	45.4
1512	7.209	.005	3	0	27602.	0.	27601.68	.828	678.3	1571.8	1565.1	629.7	.4	2.1	.0096	.200	.200	5	45.4
1513	7.214	.005	3	0	27331.	0.	27330.89	.823	678.7	1571.8	1565.1	630.1	.4	2.1	.0096	.198	.198	5	45.4
1514	7.219	.005	3	0	27068.	0.	27068.01	.817	679.1	1571.8	1565.1	630.5	.4	2.1	.0096	.196	.196	5	45.4
1515	7.225	.005	3	0	26813.	0.	26813.46	.811	679.5	1571.8	1565.1	630.8	.4	2.1	.0096	.194	.195	5	45.4
1516	7.230	.005	3	0	26565.	0.	26565.29	.806	679.9	1571.8	1565.1	631.2	.4	2.1	.0096	.192	.193	5	45.4
1517	7.236	.005	3	0	26325.	0.	26325.40	.801	680.2	1571.8	1565.1	631.6	.4	2.0	.0096	.191	.191	5	45.4
1518	7.241	.005	3	0	26094.	0.	26094.11	.795	680.6	1571.8	1565.1	632.0	.4	2.0	.0096	.189	.189	5	45.4
1519	7.246	.005	3	0	25869.	0.	25869.41	.790	681.0	1571.7	1565.1	632.4	.4	2.0	.0096	.187	.187	5	45.4
1520	7.252	.005	3	0	25815.	0.	25815.06	.790	681.4	1571.7	1565.1	632.7	.4	2.0	.0096	.187	.188	5	45.4
1521	7.257	.005	3	0	25761.	0.	25761.42	.790	681.7	1571.7	1565.1	633.1	.4	2.0	.0096	.187	.188	5	45.4
1522	7.262	.005	3	0	25708.	0.	25708.34	.790	682.1	1571.7	1565.1	633.5	.4	2.0	.0096	.186	.186	5	45.4
1523	7.268	.005	3	0	25655.	0.	25655.25	.790	682.5	1571.7	1565.1	633.9	.4	2.0	.0096	.186	.186	5	45.4
1524	7.273	.005	3	0	25603.	0.	25602.87	.790	682.9	1571.7	1565.1	634.2	.4	2.0	.0096	.186	.186	5	45.4
1525	7.278	.005	3	0	25550.	0.	25550.48	.790	683.2	1571.7	1565.1	634.6	.4	2.0	.0096	.186	.184	5	45.4
1526	7.284	.005	3	0	25498.	0.	25497.93	.790	683.6	1571.7	1565.1	635.0	.4	2.0	.0096	.184	.185	5	45.4
1527	7.289	.005	3	0	25447.	0.	25446.81	.790	684.0	1571.6	1565.1	635.3	.4	2.0	.0096	.184	.185	5	45.4
1528	7.294	.005	3	0	25395.	0.	25394.96	.790	684.3	1571.6	1565.1	635.7	.4	2.0	.0096	.184	.185	5	45.4
1529	7.300	.005	3	0	25345.	0.	25344.53	.790	684.7	1571.6	1565.1	636.1	.4	2.0	.0096	.185	.183	5	45.4
1530	7.305	.005	3	0	25293.	0.	25293.24	.790	685.1	1571.6	1565.1	636.4	.4	2.0	.0096	.183	.183	5	45.4
1531	7.311	.005	3	0	25243.	0.	25243.37	.790	685.4	1571.6	1565.1	636.8	.4	2.0	.0096	.183	.183	5	45.4
1532	7.316	.005	3	0	25193.	0.	25192.77	.790	685.8	1571.6	1565.1	637.2	.4	2.0	.0096	.183	.183	5	45.4
1533	7.321	.005	3	0	25143.	0.	25142.87	.790	686.2	1571.6	1565.1	637.5	.4	2.0	.0096	.183	.182	5	45.4
1534	7.327	.005	3	0	25094.	0.	25093.54	.790	686.5	1571.6	1565.1	637.9	.4	2.0	.0096	.181	.182	5	45.4
1535	7.332	.005	3	0	25044.	0.	25044.21	.790	686.9	1571.6	1565.1	638.3	.4	2.0	.0096	.182	.182	5	45.4
1536	7.337	.005	3	0	24996.	0.	24995.58	.790	687.3	1571.5	1565.1	638.6	.4	2.0	.0096	.182	.182	5	45.4
1537	7.343	.005	3	0	24947.	0.	24946.93	.790	687.6	1571.5	1565.1	639.0	.4	2.0	.0096	.182	.180	5	45.4
1538	7.348	.005	3	0	24898.	0.	24898.14	.790	688.0	1571.5	1565.1	639.4	.4	2.0	.0096	.180	.180	5	45.4
1539	7.353	.005	3	0	24850.	0.	24850.06	.790	688.3	1571.5	1565.1	639.7	.4	2.0	.0096	.180	.181	5	45.4
1540	7.359	.005	3	0	24803.	0.	24802.68	.790	688.7	1571.5	1565.1	640.1	.4	2.0	.0096	.180	.181	5	45.4
1541	7.364	.005	3	0	24755.	0.	24755.29	.790	689.1	1571.5	1565.1	640.4	.4	2.0	.0096	.180	.179	5	45.4
1542	7.369	.005	3	0	24708.	0.	24707.75	.790	689.4	1571.5	1565.1	640.8	.4	2.0	.0096	.179	.179	5	45.4
1543	7.375	.005	3	0	24661.	0.	24660.92	.790	689.8	1571.5	1565.1	641.1	.4	2.0	.0096	.179	.179	5	45.4
1544	7.380	.005	3	0	24614.	0.	24614.08	.790	690.1	1571.5	1565.1	641.5	.4	2.0	.0096	.179	.179	5	45.4
1545	7.385	.005	3	0	24568.	0.	24567.94	.790	690.5	1571.5	1565.1	641.9	.4	2.0	.0096	.179	.178	5	45.4
1546	7.391	.005	3	0	24522.	0.	24521.66	.790	690.9	1571.4	1565.1	642.2	.4	1.9	.0096	.177	.178	5	45.4
1547	7.396	.005	3	0	24475.	0.	24475.37	.790	691.2	1571.4	1565.1	642.6	.4	1.9	.0096	.177	.178	5	45.4
1548	7.402	.005	3	0	24430.	0.	24429.79	.790	691.6	1571.4	1565.1	642.9	.4	1.9	.0096	.178	.178	5	45.4
1549	7.407	.005	3	0	24384.	0.	24384.19	.790	691.9	1571.4	1565.1	643.3	.4	1.9	.0096	.178	.176	5	45.4
1550	7.412	.005	3	0	24339.	0.	24339.17	.790	692.3	1571.4	1565.1	643.6	.4	1.9	.0096	.176	.176	5	45.4
1551	7.418	.005	3	0	24294.	0.	24294.14	.790	692.6	1571.4	1565.1	644.0	.4	1.9	.0096	.176	.176	5	45.4
1552	7.423	.005	3	0	24250.	0.	24249.81	.790	693.0	1571.4	1565.1	644.3	.4	1.9	.0096	.176	.176	5	45.4
1553	7.428	.005	3	0	24205.	0.	24205.47	.790	693.3	1571.4	1565.1	644.7	.4	1.9	.0096	.176	.175	5	45.4
1554	7.434	.005	3	0	24161.	0.	24160.99	.790	693.7	1571.4	1565.1	645.0	.3	1.9	.0096	.175	.175	5	45.4
1555	7.439	.005	3	0	24117.	0.	24117.21	.790	694.0	1571.4	1565.1	645.4	.3	1.9	.0096	.175	.175	5	45.4
1556	7.444	.005	3	0	24073.	0.	24073.43	.790	694.4	1571.3	1565.1	645.7	.3	1.9	.0096	.175	.175	5	45.4
1557	7.450	.005	3	0	24030.	0.	24029.63	.790	694.7	1571.3	1565.1	646.1	.3	1.9	.0096	.175	.174	5	45.4
1558	7.455	.005	3	0	23986.	0.	23986.42	.790	695.1	1571.3	1565.1	646.4	.3	1.9	.0096	.173	.174	5	45.4
1559	7.460	.005	3	0	23943.	0.	23943.19	.790	695.4	1571.3	1565.1	646.8	.3	1.9	.0096	.173	.174	5	45.4
1560	7.466	.005	3	0	23901.	0.	23900.66	.790	695.8	1571.3	1565.1	647.1	.3	1.9	.0096	.173	.174	5	45.4
1561	7.471	.005	3	0	23858.	0.	23858.13	.790	696.1	1571.3	1565.1	647.5	.3	1.9	.0096	.174	.172	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1562	7.477	.005	3	0	23815.	0.	23815.46	.790	696.5	1571.3	1565.1	647.8	.3	1.9	.0096	.172	.172	5	45.4

1563	7.482	.005	3	0	23773.	0.	23773.49	.790	696.8	1571.3	1565.1	648.2	.3	1.9	.0096	.172	.172	5	45.4
1564	7.487	.005	3	0	23732.	0.	23731.51	.790	697.1	1571.3	1565.1	648.5	.3	1.9	.0096	.172	.172	5	45.4
1565	7.493	.005	3	0	23690.	0.	23689.53	.790	697.5	1571.3	1565.1	648.9	.3	1.9	.0096	.172	.173	5	45.4
1566	7.498	.005	3	0	23648.	0.	23648.12	.790	697.8	1571.2	1565.1	649.2	.3	1.9	.0096	.171	.171	5	45.4
1567	7.503	.005	3	0	23607.	0.	23606.71	.790	698.2	1571.2	1565.1	649.5	.3	1.9	.0096	.171	.171	5	45.4
1568	7.509	.005	3	0	23566.	0.	23565.99	.790	698.5	1571.2	1565.1	649.9	.3	1.9	.0096	.171	.171	5	45.4
1569	7.514	.005	3	0	23525.	0.	23525.26	.790	698.9	1571.2	1565.1	650.2	.3	1.9	.0096	.171	.171	5	45.4
1570	7.519	.005	3	0	23485.	0.	23484.53	.790	699.2	1571.2	1565.1	650.6	.3	1.9	.0096	.171	.170	5	45.4
1571	7.525	.005	3	0	23444.	0.	23443.67	.790	699.5	1571.2	1565.1	650.9	.3	1.9	.0096	.169	.170	5	45.4
1572	7.530	.005	3	0	23404.	0.	23403.51	.790	699.9	1571.2	1565.1	651.2	.3	1.9	.0096	.169	.170	5	45.4
1573	7.535	.005	3	0	23363.	0.	23363.34	.790	700.2	1571.2	1565.1	651.6	.3	1.9	.0096	.170	.170	5	45.4
1574	7.541	.005	3	0	23324.	0.	23323.86	.790	700.6	1571.2	1565.1	651.9	.3	1.9	.0096	.170	.170	5	45.4
1575	7.546	.005	3	0	23284.	0.	23283.56	.790	700.9	1571.2	1565.1	652.3	.3	1.9	.0096	.168	.168	5	45.4
1576	7.551	.005	3	0	23181.	0.	23180.74	.788	701.2	1571.2	1565.1	652.6	.3	1.9	.0096	.168	.168	5	45.4
1577	7.557	.005	3	0	23024.	0.	23024.03	.784	701.6	1571.1	1565.1	652.9	.3	1.8	.0096	.167	.167	5	45.4
1578	7.562	.005	3	0	22873.	0.	22872.96	.780	701.9	1571.1	1565.1	653.3	.3	1.8	.0096	.165	.165	5	45.4
1579	7.568	.005	3	0	22728.	0.	22727.79	.776	702.2	1571.1	1565.1	653.6	.3	1.8	.0096	.165	.165	5	45.4
1580	7.573	.005	3	0	22590.	0.	22590.31	.773	702.5	1571.1	1565.1	653.9	.3	1.8	.0096	.164	.164	5	45.4
1581	7.578	.005	3	0	22455.	0.	22455.43	.769	702.9	1571.1	1565.1	654.2	.3	1.8	.0096	.162	.162	5	45.4
1582	7.584	.005	3	0	22329.	0.	22328.65	.766	703.2	1571.1	1565.1	654.6	.3	1.8	.0096	.162	.162	5	45.4
1583	7.589	.005	3	0	22206.	0.	22205.76	.762	703.5	1571.1	1565.1	654.9	.3	1.8	.0096	.161	.161	5	45.4
1584	7.594	.005	3	0	22089.	0.	22089.46	.759	703.8	1571.1	1565.1	655.2	.3	1.8	.0096	.161	.159	5	45.4
1585	7.600	.005	3	0	21977.	0.	21976.59	.756	704.2	1571.1	1565.1	655.5	.3	1.8	.0096	.159	.160	5	45.4
1586	7.605	.005	3	0	21869.	0.	21868.67	.753	704.5	1571.1	1565.1	655.8	.3	1.8	.0096	.159	.158	5	45.4
1587	7.610	.005	3	0	21765.	0.	21765.02	.750	704.8	1571.1	1565.1	656.2	.3	1.8	.0096	.158	.158	5	45.4
1588	7.616	.005	3	0	21666.	0.	21666.39	.748	705.1	1571.1	1565.1	656.5	.3	1.8	.0096	.156	.157	5	45.4
1589	7.621	.005	3	0	21571.	0.	21570.95	.745	705.4	1571.1	1565.1	656.8	.3	1.8	.0096	.156	.157	5	45.4
1590	7.626	.005	3	0	21481.	0.	21480.66	.742	705.7	1571.1	1565.1	657.1	.3	1.8	.0096	.155	.155	5	45.4
1591	7.632	.005	3	0	21393.	0.	21393.11	.740	706.0	1571.1	1565.1	657.4	.3	1.8	.0096	.155	.155	5	45.4
1592	7.637	.005	3	0	21310.	0.	21309.60	.737	706.3	1571.1	1565.1	657.7	.3	1.8	.0096	.155	.154	5	45.4
1593	7.643	.005	3	0	21230.	0.	21230.12	.735	706.7	1571.1	1565.1	658.0	.3	1.8	.0096	.154	.154	5	45.4
1594	7.648	.005	3	0	21152.	0.	21151.54	.733	707.0	1571.0	1565.1	658.3	.3	1.8	.0096	.154	.154	5	45.4
1595	7.653	.005	3	0	21079.	0.	21079.05	.731	707.3	1571.0	1565.1	658.6	.3	1.7	.0096	.152	.153	5	45.4
1596	7.659	.005	3	0	21008.	0.	21007.52	.728	707.6	1571.0	1565.1	658.9	.3	1.7	.0096	.152	.153	5	45.4
1597	7.664	.005	3	0	20940.	0.	20939.65	.726	707.9	1571.0	1565.1	659.2	.3	1.7	.0096	.152	.151	5	45.4
1598	7.669	.005	3	0	20875.	0.	20874.69	.725	708.2	1571.0	1565.1	659.5	.3	1.7	.0096	.151	.151	5	45.4
1599	7.675	.005	3	0	20812.	0.	20812.12	.723	708.5	1571.0	1565.1	659.8	.3	1.7	.0096	.151	.151	5	45.4
1600	7.680	.005	3	0	20752.	0.	20751.95	.721	708.8	1571.0	1565.1	660.2	.3	1.7	.0096	.151	.150	5	45.4
1601	7.685	.005	3	0	20692.	0.	20692.06	.719	709.1	1571.0	1565.1	660.5	.3	1.7	.0096	.150	.150	5	45.4
1602	7.691	.005	3	0	20636.	0.	20636.04	.717	709.4	1571.0	1565.1	660.8	.3	1.7	.0096	.150	.150	5	45.4
1603	7.696	.005	3	0	20583.	0.	20583.14	.716	709.7	1571.0	1565.1	661.0	.3	1.7	.0096	.150	.149	5	45.4
1604	7.701	.005	3	0	20530.	0.	20529.94	.714	710.0	1571.0	1565.1	661.3	.3	1.7	.0096	.148	.149	5	45.4
1605	7.707	.005	3	0	20479.	0.	20479.25	.712	710.3	1571.0	1565.1	661.6	.3	1.7	.0096	.149	.149	5	45.4
1606	7.712	.005	3	0	20431.	0.	20431.06	.711	710.6	1571.0	1565.1	661.9	.3	1.7	.0096	.148	.148	5	45.4
1607	7.718	.005	3	0	20383.	0.	20383.32	.709	710.9	1571.0	1565.1	662.2	.3	1.7	.0096	.148	.148	5	45.4
1608	7.723	.005	3	0	20337.	0.	20337.47	.708	711.2	1571.0	1565.1	662.5	.3	1.7	.0096	.147	.147	5	45.4
1609	7.728	.005	3	0	20294.	0.	20293.52	.706	711.5	1571.0	1565.1	662.8	.3	1.7	.0096	.147	.146	5	45.4
1610	7.734	.005	3	0	20250.	0.	20250.02	.705	711.7	1571.0	1565.1	663.1	.3	1.7	.0096	.146	.145	5	45.4
1611	7.739	.005	3	0	20209.	0.	20209.13	.704	712.0	1571.0	1565.1	663.4	.3	1.7	.0096	.146	.145	5	45.4
1612	7.744	.005	3	0	20168.	0.	20168.09	.702	712.3	1571.0	1565.1	663.7	.3	1.7	.0096	.146	.146	5	45.4
1613	7.750	.005	3	0	20128.	0.	20127.54	.701	712.6	1571.0	1565.1	664.0	.3	1.7	.0096	.146	.146	5	45.4
1614	7.755	.005	3	0	20091.	0.	20091.18	.700	712.9	1571.0	1565.1	664.3	.3	1.7	.0096	.146	.146	5	45.4
1615	7.760	.005	3	0	20053.	0.	20052.53	.698	713.2	1571.0	1565.1	664.6	.3	1.7	.0096	.146	.146	5	45.4
1616	7.766	.005	3	0	20017.	0.	20016.55	.697	713.5	1571.0	1565.1	664.9	.3	1.7	.0096	.146	.146	5	45.4
1617	7.771	.005	3	0	19980.	0.	19980.29	.696	713.8	1571.0	1565.1	665.2	.3	1.7	.0096	.143	.146	5	45.4
1618	7.776	.005	3	0	19945.	0.	19944.55	.695	714.1	1571.0	1565.1	665.4	.3	1.7	.0096	.143	.146	5	45.4
1619	7.782	.005	3	0	19910.	0.	19910.25	.694	714.4	1571.0	1565.1	665.7	.3	1.7	.0096	.144	.143	5	45.4
1620	7.787	.005	3	0	19877.	0.	19877.09	.693	714.6	1571.0	1565.1	666.0	.3	1.7	.0096	.144	.143	5	45.4
1621	7.792	.005	3	0	19845.	0.	19845.42	.691	714.9	1571.0	1565.1	666.3	.3	1.7	.0096	.144	.143	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1622	7.798	.005	3	0	19812.	0.	19812.06	.690	715.2	1571.0	1565.1	666.6	.3	1.7	.0096	.144	.143	5	45.4
1623	7.803	.005	3	0	19780.	0.	19780.20	.689	715.5	1571.0	1565.1	666.9	.3	1.7	.0096	.144	.143	5	45.4
1624	7.809	.005	3	0	19749.	0.	19749.48	.688	715.8	1571.0	1565.1	667.2	.3	1.7	.0096	.144	.143	5	45.4
1625	7.814	.005	3	0	19720.	0.	19720.29	.687	716.1	1571.0	1565.1	667.5	.3	1.7	.0096	.144	.143	5	45.4
1626	7.819	.005	3	0	19689.	0.	19688.77	.686	716.4	1571.0	1565.1	667.7	.3	1.7	.0096	.144	.143	5	45.4
1627	7.825	.005	3	0	19660.	0.	19659.86	.685	716.7	1571.0	1565.1	668.0	.3	1.7	.0096	.141	.143	5	45.4
1628	7.830	.005	3	0	19631.	0.	19630.87	.684	716.9	1571.0	1565.1	668.3	.3	1.7	.0096	.141	.143	5	45.4
1629	7.835	.005	3	0	19602.	0.	19601.79	.683	717.2	1571.0	1565.1	668.6	.3	1.7	.0096	.141	.141	5	45.4
1630	7.841	.005	3	0	19573.	0.	19572.64	.682	717.5	1571.0	1565.1	668.9	.3	1.7	.0096	.141	.141	5	45.4
1631	7.846	.005	3	0	19544.	0.	19544.01	.681	717.8	1571.0	1565.1	669.2	.3	1.7	.0096	.141	.141	5	45.4
1632	7.851	.005	3	0	19517.	0.	19516.97	.680	718.1	1571.0	1565.1	669.4	.3	1.7	.0096	.141	.141	5	45.4
1633	7.857	.005	3	0	19490.	0.	19490.46	.679	718.4	1571.0	1565.1	669.7	.3	1.7	.0096	.141	.141	5	45.4
1634	7.862	.005	3	0	19462.	0.	19461.59	.678	718.6	1571.0	1565.1	670.0	.3	1.7	.0096	.141	.141	5	45.4
1635	7.867	.005	3	0	19434.	0.	19434.33	.677	718.9	1571.0	1565.1	670.3	.3	1.7	.0096	.142	.141	5	45.4
1636	7.873	.005	3	0	19408.	0.	19408.21	.676	719.2	1571.0	1565.1	670.6	.3	1.7	.0096	.142	.141	5	45.4
1637	7.878	.005	3	0	19381.	0.	19381.40	.675	719.5	1571.0	1565.1	670.9	.3	1.7	.0096	.142	.141	5	45.4
1638	7.884	.005	3	0	19357.	0.	19356.83	.674	719.8	1571.0	1565.1	671.1	.3	1.7	.0096	.142	.141	5	45.4
1639	7.889	.005	3	0	19330.	0.	19329.73	.673	720.0	1571.0	1565.1	671.4	.3	1.6	.0096	.139	.141	5	45.4
1640	7.894	.005	3	0	19303.	0.	19303.16	.672	720.3	1570.9	1565.1	671.7	.3	1.6	.0096	.139	.141	5	45.4
1641	7.900	.005	3	0	19278.	0.	19278.24	.671	720.6	1570.9	1565.1	672.0	.3	1.6	.0096	.139	.139	5	45.4
1642	7.905	.005	3	0	19252.	0.	19251.53	.670	720.9	1570.9	1565.1	672.2	.3	1.6	.0096	.139	.139	5	45.4
1643	7.910	.005	3	0	19226.	0.	19226.48	.670	721.2	1570.9	1565.1	672.5	.3	1.6	.0096	.139	.139	5	45.4
1644	7.916	.005	3	0	19202.	0.	19201.97	.669	721.4	1570.9	1565.1	672.8	.3	1.6	.0096	.139	.139	5	45.4
1645	7.921	.005	3	0	19177.	0.	19177.40	.668	721.7	1570.9	1565.1	673.1	.3	1.6	.0096	.139	.139	5	45.4
1646	7.926	.005	3	0	19150.	0.	19150.41	.667	722.0	1570.9	1565.1	673.4	.3	1.6	.0096	.139	.139	5	45.4
1647	7.932	.005	3	0	19126.	0.	19125.70	.666	722.3	1570.9	1565.1	673.6	.3	1.6	.0096	.139	.139	5	45.4
1648	7.937	.005	3	0	19101.	0.	19100.92	.665	722.6	1570.9	1565.1	673.9	.3	1.6	.0096	.139	.139	5	45.4
1649	7.942	.005	3	0	19078.	0.	19078.46	.664	722.8	1570.9	1565.1	674.2	.3	1.6	.0096	.139	.139	5	45.4
1650	7.948	.005	3	0	19054.	0.	19053.57	.663	723.1	1570.9	1565.1	674.5	.3	1.6	.0096	.139	.139	5	45.4
1651	7.953	.005	3	0	19028.	0.	19028.46	.662	723.4	1570.9	1565.1	674.7	.3	1.6	.0096	.137	.139	5	45.4
1652	7.958	.005	3	0	19003.	0.	19003.28	.661	723.7	1570.9	1565.1	675.0	.3	1.6	.0096	.137	.139	5	45.4
1653	7.964	.005	3	0	18978.	0.	18978.04	.660	723.9	1570.9	1565.1	675.3	.3	1.6	.0096	.137	.136	5	45.4
1654	7.969	.005	3	0	18956.	0.	18955.73	.660	724.2	1570.9	1565.1	675.6	.3	1.6	.0096	.137	.136	5	45.4
1655	7.975	.005	3	0	18930.	0.	18930.36	.659	724.5	1570.9	1565.1	675.8	.3	1.6	.0096	.137	.137	5	45.4
1656	7.980	.005	3	0	18905.	0.	18904.93	.658	724.8	1570.9	1565.1	676.1	.3	1.6	.0096	.137	.137	5	45.4
1657	7.985	.005	3	0	18882.	0.	18882.45	.657	725.0	1570.9	1565.1	676.4	.3	1.6	.0096	.137	.137	5	45.4
1658	7.991	.005	3	0	18857.	0.	18856.89	.656	725.3	1570.9	1565.1	676.7	.3	1.6	.0096	.137	.137	5	45.4
1659	7.996	.005	3	0	18834.	0.	18834.30	.655	725.6	1570.9	1565.1	676.9	.3	1.6	.0096	.137	.137	5	45.4
1660	8.001	.005	3	0	18809.	0.	18808.62	.654	725.8	1570.9	1565.1	677.2	.3	1.6	.0096	.137	.137	5	45.4
1661	8.007	.005	3	0	18786.	0.	18785.90	.653	726.1	1570.9	1565.1	677.5	.3	1.6	.0096	.137	.137	5	45.4
1662	8.012	.005	3	0	18763.	0.	18763.13	.653	726.4	1570.9	1565.1	677.8	.3	1.6	.0096	.137	.137	5	45.4
1663	8.017	.005	3	0	18737.	0.	18737.12	.652	726.7	1570.9	1565.1	678.0	.3	1.6	.0096	.135	.137	5	45.4
1664	8.023	.005	3	0	18714.	0.	18714.09	.651	726.9	1570.9	1565.1	678.3	.3	1.6	.0096	.135	.137	5	45.4
1665	8.028	.005	3	0	18691.	0.	18691.00	.650	727.2	1570.9	1565.1	678.6	.3	1.6	.0096	.135	.134	5	45.4
1666	8.033	.005	3	0	18665.	0.	18665.39	.649	727.5	1570.9	1565.1	678.8	.3	1.6	.0096	.135	.134	5	45.4
1667	8.039	.005	3	0	18642.	0.	18641.59	.648	727.7	1570.9	1565.1	679.1	.3	1.6	.0096	.135	.134	5	45.4
1668	8.044	.005	3	0	18618.	0.	18618.32	.647	728.0	1570.9	1565.1	679.4	.3	1.6	.0096	.135	.134	5	45.4
1669	8.050	.005	3	0	18595.	0.	18595.01	.646	728.3	1570.9	1565.1	679.7	.3	1.6	.0096	.135	.134	5	45.4
1670	8.055	.005	3	0	18572.	0.	18571.63	.646	728.6	1570.9	1565.1	679.9	.3	1.6	.0096	.135	.135	5	45.4
1671	8.060	.005	3	0	18548.	0.	18548.20	.645	728.8	1570.9	1565.1	680.2	.3	1.6	.0096	.135	.135	5	45.4
1672	8.066	.005	3	0	18525.	0.	18524.71	.644	729.1	1570.9	1565.1	680.5	.3	1.6	.0096	.135	.135	5	45.4
1673	8.071	.005	3	0	18501.	0.	18501.17	.643	729.4	1570.9	1565.1	680.7	.3	1.6	.0096	.135	.135	5	45.4
1674	8.076	.005	3	0	18478.	0.	18477.57	.642	729.6	1570.9	1565.1	681.0	.3	1.6	.0096	.135	.135	5	45.4
1675	8.082	.005	3	0	18454.	0.	18453.77	.641	729.9	1570.9	1565.1	681.3	.3	1.6	.0096	.133	.135	5	45.4
1676	8.087	.005	3	0	18430.	0.	18429.92	.640	730.2	1570.9	1565.1	681.5	.3	1.6	.0096	.133	.135	5	45.4
1677	8.092	.005	3	0	18406.	0.	18406.00	.639	730.4	1570.9	1565.1	681.8	.3	1.6	.0096	.133	.132	5	45.4

1678	8.098	.005	3	0	18383.	0.	18382.61	.639	730.7	1570.9	1565.1	682.1	.3	1.6	.0096	.133	.132	5	45.4
1679	8.103	.005	3	0	18361.	0.	18361.12	.638	731.0	1570.9	1565.1	682.3	.3	1.6	.0096	.133	.132	5	45.4
1680	8.108	.005	3	0	18337.	0.	18337.04	.637	731.2	1570.9	1565.1	682.6	.3	1.6	.0096	.133	.132	5	45.4
1681	8.114	.005	3	0	18313.	0.	18312.90	.636	731.5	1570.9	1565.1	682.9	.3	1.6	.0096	.133	.132	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1682	8.119	.005	3	0	18289.	0.	18288.71	.635	731.8	1570.9	1565.1	683.1	.3	1.6	.0096	.133	.132	5	45.4
1683	8.124	.005	3	0	18265.	0.	18265.04	.634	732.0	1570.9	1565.1	683.4	.3	1.6	.0096	.133	.132	5	45.4
1684	8.130	.005	3	0	18243.	0.	18243.29	.633	732.3	1570.9	1565.1	683.7	.3	1.6	.0096	.133	.132	5	45.4
1685	8.135	.005	3	0	18219.	0.	18218.93	.633	732.6	1570.9	1565.1	683.9	.3	1.6	.0096	.133	.132	5	45.4
1686	8.141	.005	3	0	18195.	0.	18195.10	.632	732.8	1570.9	1565.1	684.2	.3	1.6	.0096	.133	.133	5	45.4
1687	8.146	.005	3	0	18173.	0.	18173.06	.631	733.1	1570.9	1565.1	684.4	.3	1.6	.0096	.130	.133	5	45.4
1688	8.151	.005	3	0	18148.	0.	18148.39	.630	733.3	1570.9	1565.1	684.7	.3	1.6	.0096	.130	.133	5	45.4
1689	8.157	.005	3	0	18127.	0.	18126.84	.629	733.6	1570.9	1565.1	685.0	.3	1.6	.0096	.131	.133	5	45.4
1690	8.162	.005	3	0	18102.	0.	18102.06	.628	733.9	1570.9	1565.1	685.2	.3	1.6	.0096	.131	.130	5	45.4
1691	8.167	.005	3	0	18078.	0.	18077.80	.627	734.1	1570.9	1565.1	685.5	.3	1.6	.0096	.131	.130	5	45.4
1692	8.173	.005	3	0	18056.	0.	18055.51	.627	734.4	1570.9	1565.1	685.8	.3	1.6	.0096	.131	.130	5	45.4
1693	8.178	.005	3	0	18031.	0.	18031.14	.626	734.6	1570.9	1565.1	686.0	.3	1.6	.0096	.131	.130	5	45.4
1694	8.183	.005	3	0	18009.	0.	18008.76	.625	734.9	1570.9	1565.1	686.3	.3	1.6	.0096	.131	.130	5	45.4
1695	8.189	.005	3	0	17987.	0.	17986.89	.624	735.2	1570.9	1565.1	686.5	.3	1.6	.0096	.131	.130	5	45.4
1696	8.194	.005	3	0	17962.	0.	17961.78	.623	735.4	1570.9	1565.1	686.8	.3	1.6	.0096	.131	.130	5	45.4
1697	8.199	.005	3	0	17940.	0.	17939.81	.622	735.7	1570.9	1565.1	687.1	.3	1.6	.0096	.131	.130	5	45.4
1698	8.205	.005	3	0	17915.	0.	17914.60	.621	736.0	1570.9	1565.1	687.3	.3	1.6	.0096	.131	.130	5	45.4
1699	8.210	.005	3	0	17893.	0.	17892.53	.621	736.2	1570.9	1565.1	687.6	.3	1.6	.0096	.131	.130	5	45.4
1700	8.216	.005	3	0	17870.	0.	17870.28	.620	736.5	1570.9	1565.1	687.8	.3	1.5	.0096	.128	.130	5	45.4
1701	8.221	.005	3	0	17845.	0.	17844.76	.619	736.7	1570.9	1565.1	688.1	.3	1.5	.0096	.128	.131	5	45.4
1702	8.226	.005	3	0	17822.	0.	17822.41	.618	737.0	1570.9	1565.1	688.4	.3	1.5	.0096	.128	.128	5	45.4
1703	8.232	.005	3	0	17800.	0.	17800.01	.617	737.2	1570.9	1565.1	688.6	.3	1.5	.0096	.129	.128	5	45.4
1704	8.237	.005	3	0	17774.	0.	17774.34	.616	737.5	1570.9	1565.1	688.9	.3	1.5	.0096	.129	.128	5	45.4
1705	8.242	.005	3	0	17752.	0.	17751.82	.615	737.8	1570.9	1565.1	689.1	.3	1.5	.0096	.129	.128	5	45.4
1706	8.248	.005	3	0	17729.	0.	17729.28	.615	738.0	1570.9	1565.1	689.4	.3	1.5	.0096	.129	.128	5	45.4
1707	8.253	.005	3	0	17707.	0.	17706.68	.614	738.3	1570.9	1565.1	689.6	.3	1.5	.0096	.129	.128	5	45.4
1708	8.258	.005	3	0	17681.	0.	17681.34	.613	738.5	1570.9	1565.1	689.9	.3	1.5	.0096	.129	.128	5	45.4
1709	8.264	.005	3	0	17659.	0.	17658.63	.612	738.8	1570.9	1565.1	690.2	.3	1.5	.0096	.129	.128	5	45.4
1710	8.269	.005	3	0	17635.	0.	17635.31	.611	739.0	1570.9	1565.1	690.4	.3	1.5	.0096	.129	.128	5	45.4
1711	8.274	.005	3	0	17613.	0.	17612.50	.610	739.3	1570.9	1565.1	690.7	.3	1.5	.0096	.129	.128	5	45.4
1712	8.280	.005	3	0	17590.	0.	17589.52	.609	739.6	1570.9	1565.1	690.9	.3	1.5	.0096	.126	.128	5	45.4
1713	8.285	.005	3	0	17566.	0.	17566.49	.609	739.8	1570.9	1565.1	691.2	.3	1.5	.0096	.126	.128	5	45.4
1714	8.290	.005	3	0	17543.	0.	17543.41	.608	740.1	1570.9	1565.1	691.4	.3	1.5	.0096	.126	.126	5	45.4
1715	8.296	.005	3	0	17520.	0.	17520.28	.607	740.3	1570.9	1565.1	691.7	.3	1.5	.0096	.126	.126	5	45.4
1716	8.301	.005	3	0	17497.	0.	17497.10	.606	740.6	1570.9	1565.1	691.9	.3	1.5	.0096	.126	.126	5	45.4
1717	8.307	.005	3	0	17474.	0.	17473.87	.605	740.8	1570.9	1565.1	692.2	.3	1.5	.0096	.127	.126	5	45.4
1718	8.312	.005	3	0	17451.	0.	17450.59	.604	741.1	1570.9	1565.1	692.4	.3	1.5	.0096	.127	.126	5	45.4
1719	8.317	.005	3	0	17427.	0.	17427.26	.603	741.3	1570.9	1565.1	692.7	.3	1.5	.0096	.127	.126	5	45.4
1720	8.323	.005	3	0	17404.	0.	17403.88	.603	741.6	1570.9	1565.1	692.9	.3	1.5	.0096	.127	.126	5	45.4
1721	8.328	.005	3	0	17380.	0.	17380.45	.602	741.8	1570.9	1565.1	693.2	.3	1.5	.0096	.127	.126	5	45.4
1722	8.333	.005	3	0	17357.	0.	17356.96	.601	742.1	1570.8	1565.1	693.5	.3	1.5	.0096	.127	.126	5	45.4
1723	8.339	.005	3	0	17333.	0.	17333.44	.600	742.3	1570.8	1565.1	693.7	.3	1.5	.0096	.127	.126	5	45.4
1724	8.344	.005	3	0	17310.	0.	17310.29	.599	742.6	1570.8	1565.1	694.0	.2	1.5	.0096	.124	.126	5	45.4
1725	8.349	.005	3	0	17289.	0.	17289.31	.598	742.8	1570.8	1565.1	694.2	.2	1.5	.0096	.124	.126	5	45.4
1726	8.355	.005	3	0	17266.	0.	17265.51	.598	743.1	1570.8	1565.1	694.5	.2	1.5	.0096	.124	.124	5	45.4
1727	8.360	.005	3	0	17242.	0.	17241.66	.597	743.3	1570.8	1565.1	694.7	.2	1.5	.0096	.124	.124	5	45.4
1728	8.365	.005	3	0	17218.	0.	17217.76	.596	743.6	1570.8	1565.1	695.0	.2	1.5	.0096	.124	.124	5	45.4
1729	8.371	.005	3	0	17194.	0.	17193.81	.595	743.8	1570.8	1565.1	695.2	.2	1.5	.0096	.124	.124	5	45.4
1730	8.376	.005	3	0	17173.	0.	17173.16	.594	744.1	1570.8	1565.1	695.4	.2	1.5	.0096	.125	.124	5	45.4
1731	8.382	.005	3	0	17149.	0.	17149.12	.593	744.3	1570.8	1565.1	695.7	.2	1.5	.0096	.125	.124	5	45.4
1732	8.387	.005	3	0	17125.	0.	17125.02	.592	744.6	1570.8	1565.1	695.9	.2	1.5	.0096	.125	.124	5	45.4

1733	8.392	.005	3	0	17101.	0.	17101.43	.592	744.8	1570.8	1565.1	696.2	.2	1.5	.0096	.125	.124	5	45.4
1734	8.398	.005	3	0	17080.	0.	17080.05	.591	745.1	1570.8	1565.1	696.4	.2	1.5	.0096	.125	.124	5	45.4
1735	8.403	.005	3	0	17056.	0.	17055.80	.590	745.3	1570.8	1565.1	696.7	.2	1.5	.0096	.125	.124	5	45.4
1736	8.408	.005	3	0	17032.	0.	17031.94	.589	745.6	1570.8	1565.1	696.9	.2	1.5	.0096	.122	.124	5	45.4
1737	8.414	.005	3	0	17010.	0.	17010.30	.588	745.8	1570.8	1565.1	697.2	.2	1.5	.0096	.122	.124	5	45.4
1738	8.419	.005	3	0	16986.	0.	16985.79	.587	746.1	1570.8	1565.1	697.4	.2	1.5	.0096	.122	.122	5	45.4
1739	8.424	.005	3	0	16965.	0.	16964.63	.587	746.3	1570.8	1565.1	697.7	.2	1.5	.0096	.122	.122	5	45.4
1740	8.430	.005	3	0	16940.	0.	16940.02	.586	746.6	1570.8	1565.1	697.9	.2	1.5	.0096	.122	.122	5	45.4
1741	8.435	.005	3	0	16916.	0.	16915.91	.585	746.8	1570.8	1565.1	698.2	.2	1.5	.0096	.122	.122	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1742	8.440	.005	3	0	16894.	0.	16894.05	.584	747.0	1570.8	1565.1	698.4	.2	1.5	.0096	.122	.122	5	45.4
1743	8.446	.005	3	0	16870.	0.	16869.84	.583	747.3	1570.8	1565.1	698.7	.2	1.5	.0096	.123	.122	5	45.4
1744	8.451	.005	3	0	16848.	0.	16847.91	.582	747.5	1570.8	1565.1	698.9	.2	1.5	.0096	.123	.122	5	45.4
1745	8.456	.005	3	0	16824.	0.	16823.60	.581	747.8	1570.8	1565.1	699.1	.2	1.5	.0096	.123	.122	5	45.4
1746	8.462	.005	3	0	16802.	0.	16801.57	.581	748.0	1570.8	1565.1	699.4	.2	1.5	.0096	.123	.122	5	45.4
1747	8.467	.005	3	0	16780.	0.	16780.04	.580	748.3	1570.8	1565.1	699.6	.2	1.5	.0096	.123	.122	5	45.4
1748	8.473	.005	3	0	16755.	0.	16754.94	.579	748.5	1570.8	1565.1	699.9	.2	1.5	.0096	.120	.122	5	45.4
1749	8.478	.005	3	0	16733.	0.	16733.21	.578	748.7	1570.8	1565.1	700.1	.2	1.5	.0096	.120	.122	5	45.4
1750	8.483	.005	3	0	16708.	0.	16708.00	.577	749.0	1570.8	1565.1	700.4	.2	1.5	.0096	.120	.120	5	45.4
1751	8.489	.005	3	0	16686.	0.	16686.19	.576	749.2	1570.8	1565.1	700.6	.2	1.5	.0096	.120	.120	5	45.4
1752	8.494	.005	3	0	16664.	0.	16664.33	.576	749.5	1570.8	1565.1	700.8	.2	1.5	.0096	.120	.120	5	45.4
1753	8.499	.005	3	0	16639.	0.	16638.97	.575	749.7	1570.8	1565.1	701.1	.2	1.5	.0096	.120	.120	5	45.4
1754	8.505	.005	3	0	16617.	0.	16617.03	.574	750.0	1570.8	1565.1	701.3	.2	1.5	.0096	.120	.120	5	45.4
1755	8.510	.005	3	0	16592.	0.	16592.11	.573	750.2	1570.8	1565.1	701.6	.2	1.5	.0096	.121	.120	5	45.4
1756	8.515	.005	3	0	16570.	0.	16569.54	.572	750.4	1570.8	1565.1	701.8	.2	1.5	.0096	.121	.120	5	45.4
1757	8.521	.005	3	0	16547.	0.	16547.46	.571	750.7	1570.8	1565.1	702.0	.2	1.5	.0096	.121	.120	5	45.4
1758	8.526	.005	3	0	16525.	0.	16525.34	.571	750.9	1570.8	1565.1	702.3	.2	1.5	.0096	.121	.120	5	45.4
1759	8.531	.005	3	0	16500.	0.	16500.23	.570	751.2	1570.8	1565.1	702.5	.2	1.5	.0096	.121	.120	5	45.4
1760	8.537	.005	3	0	16477.	0.	16477.37	.569	751.4	1570.8	1565.1	702.8	.2	1.4	.0096	.118	.120	5	45.4
1761	8.542	.005	3	0	16455.	0.	16455.01	.568	751.6	1570.8	1565.1	703.0	.2	1.4	.0096	.118	.120	5	45.4
1762	8.548	.005	3	0	16433.	0.	16432.60	.567	751.9	1570.8	1565.1	703.2	.2	1.4	.0096	.118	.118	5	45.4
1763	8.553	.005	3	0	16410.	0.	16410.15	.566	752.1	1570.8	1565.1	703.5	.2	1.4	.0096	.118	.118	5	45.4
1764	8.558	.005	3	0	16385.	0.	16384.68	.565	752.3	1570.8	1565.1	703.7	.2	1.4	.0096	.118	.118	5	45.4
1765	8.564	.005	3	0	16362.	0.	16361.61	.565	752.6	1570.8	1565.1	703.9	.2	1.4	.0096	.118	.118	5	45.4
1766	8.569	.005	3	0	16339.	0.	16339.03	.564	752.8	1570.8	1565.1	704.2	.2	1.4	.0096	.118	.118	5	45.4
1767	8.574	.005	3	0	16316.	0.	16316.41	.563	753.1	1570.8	1565.1	704.4	.2	1.4	.0096	.119	.118	5	45.4
1768	8.580	.005	3	0	16294.	0.	16293.75	.562	753.3	1570.8	1565.1	704.7	.2	1.4	.0096	.119	.118	5	45.4
1769	8.585	.005	3	0	16271.	0.	16271.03	.561	753.5	1570.8	1565.1	704.9	.2	1.4	.0096	.119	.118	5	45.4
1770	8.590	.005	3	0	16248.	0.	16248.27	.560	753.8	1570.8	1565.1	705.1	.2	1.4	.0096	.119	.118	5	45.4
1771	8.596	.005	3	0	16225.	0.	16225.48	.560	754.0	1570.8	1565.1	705.4	.2	1.4	.0096	.119	.118	5	45.4
1772	8.601	.005	3	0	16203.	0.	16202.53	.559	754.2	1570.8	1565.1	705.6	.2	1.4	.0096	.116	.118	5	45.4
1773	8.606	.005	3	0	16180.	0.	16179.54	.558	754.5	1570.8	1565.1	705.8	.2	1.4	.0096	.116	.118	5	45.4
1774	8.612	.005	3	0	16153.	0.	16153.49	.557	754.7	1570.8	1565.1	706.1	.2	1.4	.0096	.116	.116	5	45.4
1775	8.617	.005	3	0	16133.	0.	16133.43	.556	754.9	1570.8	1565.1	706.3	.2	1.4	.0096	.116	.116	5	45.4
1776	8.622	.005	3	0	16110.	0.	16110.31	.555	755.2	1570.8	1565.1	706.5	.2	1.4	.0096	.116	.116	5	45.4
1777	8.628	.005	3	0	16087.	0.	16087.15	.555	755.4	1570.8	1565.1	706.8	.2	1.4	.0096	.117	.116	5	45.4
1778	8.633	.005	3	0	16064.	0.	16063.94	.554	755.6	1570.8	1565.1	707.0	.2	1.4	.0096	.117	.116	5	45.4
1779	8.639	.005	3	0	16041.	0.	16040.69	.553	755.9	1570.8	1565.1	707.2	.2	1.4	.0096	.117	.116	5	45.4
1780	8.644	.005	3	0	16017.	0.	16017.40	.552	756.1	1570.8	1565.1	707.5	.2	1.4	.0096	.117	.116	5	45.4
1781	8.649	.005	3	0	15994.	0.	15994.07	.551	756.3	1570.8	1565.1	707.7	.2	1.4	.0096	.117	.116	5	45.4
1782	8.655	.005	3	0	15971.	0.	15970.68	.550	756.6	1570.8	1565.1	707.9	.2	1.4	.0096	.117	.116	5	45.4
1783	8.660	.005	3	0	15947.	0.	15947.16	.550	756.8	1570.8	1565.1	708.2	.2	1.4	.0096	.114	.116	5	45.4
1784	8.665	.005	3	0	15924.	0.	15923.59	.549	757.0	1570.8	1565.1	708.4	.2	1.4	.0096	.114	.116	5	45.4
1785	8.671	.005	3	0	15900.	0.	15899.98	.548	757.3	1570.8	1565.1	708.6	.2	1.4	.0096	.114	.114	5	45.4
1786	8.676	.005	3	0	15880.	0.	15879.93	.547	757.5	1570.8	1565.1	708.8	.2	1.4	.0096	.115	.114	5	45.4
1787	8.681	.005	3	0	15856.	0.	15856.23	.546	757.7	1570.8	1565.1	709.1	.2	1.4	.0096	.115	.114	5	45.4

1788	8.687	.005	3	0	15832.	0.	15832.49	.545	757.9	1570.8	1565.1	709.3	.2	1.4	.0096	.115	.114	5	45.4
1789	8.692	.005	3	0	15809.	0.	15808.71	.545	758.2	1570.8	1565.1	709.5	.2	1.4	.0096	.115	.114	5	45.4
1790	8.697	.005	3	0	15785.	0.	15784.88	.544	758.4	1570.8	1565.1	709.8	.2	1.4	.0096	.115	.114	5	45.4
1791	8.703	.005	3	0	15765.	0.	15764.64	.543	758.6	1570.8	1565.1	710.0	.2	1.4	.0096	.115	.114	5	45.4
1792	8.708	.005	3	0	15741.	0.	15740.73	.542	758.9	1570.8	1565.1	710.2	.2	1.4	.0096	.115	.114	5	45.4
1793	8.714	.005	3	0	15717.	0.	15716.78	.541	759.1	1570.8	1565.1	710.5	.2	1.4	.0096	.115	.114	5	45.4
1794	8.719	.005	3	0	15693.	0.	15693.29	.540	759.3	1570.8	1565.1	710.7	.2	1.4	.0096	.115	.114	5	45.4
1795	8.724	.005	3	0	15672.	0.	15672.28	.540	759.5	1570.8	1565.1	710.9	.2	1.4	.0096	.113	.114	5	45.4
1796	8.730	.005	3	0	15648.	0.	15648.11	.539	759.8	1570.8	1565.1	711.1	.2	1.4	.0096	.113	.114	5	45.4
1797	8.735	.005	3	0	15624.	0.	15624.39	.538	760.0	1570.8	1565.1	711.4	.2	1.4	.0096	.113	.112	5	45.4
1798	8.740	.005	3	0	15603.	0.	15603.27	.537	760.2	1570.8	1565.1	711.6	.2	1.4	.0096	.113	.112	5	45.4
1799	8.746	.005	3	0	15579.	0.	15578.96	.536	760.4	1570.8	1565.1	711.8	.2	1.4	.0096	.113	.112	5	45.4
1800	8.751	.005	3	0	15558.	0.	15558.28	.536	760.7	1570.8	1565.1	712.0	.2	1.4	.0096	.113	.112	5	45.4
1801	8.756	.005	3	0	15534.	0.	15533.89	.535	760.9	1570.8	1565.1	712.3	.2	1.4	.0096	.113	.112	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1802	8.762	.005	3	0	15509.	0.	15509.45	.534	761.1	1570.8	1565.1	712.5	.2	1.4	.0096	.113	.112	5	45.4
1803	8.767	.005	3	0	15489.	0.	15488.65	.533	761.3	1570.8	1565.1	712.7	.2	1.4	.0096	.113	.112	5	45.4
1804	8.772	.005	3	0	15464.	0.	15464.14	.532	761.6	1570.8	1565.1	712.9	.2	1.4	.0096	.113	.112	5	45.4
1805	8.778	.005	3	0	15443.	0.	15443.25	.531	761.8	1570.8	1565.1	713.2	.2	1.4	.0096	.113	.112	5	45.4
1806	8.783	.005	3	0	15419.	0.	15418.57	.531	762.0	1570.8	1565.1	713.4	.2	1.4	.0096	.111	.112	5	45.4
1807	8.788	.005	3	0	15394.	0.	15394.32	.530	762.2	1570.8	1565.1	713.6	.2	1.4	.0096	.111	.112	5	45.4
1808	8.794	.005	3	0	15373.	0.	15372.74	.529	762.5	1570.8	1565.1	713.8	.2	1.4	.0096	.111	.110	5	45.4
1809	8.799	.005	3	0	15348.	0.	15348.41	.528	762.7	1570.8	1565.1	714.0	.2	1.4	.0096	.111	.110	5	45.4
1810	8.805	.005	3	0	15327.	0.	15326.75	.527	762.9	1570.8	1565.1	714.3	.2	1.4	.0096	.111	.110	5	45.4
1811	8.810	.005	3	0	15306.	0.	15305.56	.526	763.1	1570.8	1565.1	714.5	.2	1.4	.0096	.111	.110	5	45.4
1812	8.815	.005	3	0	15281.	0.	15280.61	.526	763.3	1570.8	1565.1	714.7	.2	1.4	.0096	.111	.110	5	45.4
1813	8.821	.005	3	0	15259.	0.	15259.33	.525	763.6	1570.8	1565.1	714.9	.2	1.4	.0096	.111	.110	5	45.4
1814	8.826	.005	3	0	15234.	0.	15234.31	.524	763.8	1570.8	1565.1	715.2	.2	1.4	.0096	.111	.110	5	45.4
1815	8.831	.005	3	0	15213.	0.	15212.96	.523	764.0	1570.8	1565.1	715.4	.2	1.4	.0096	.111	.110	5	45.4
1816	8.837	.005	3	0	15188.	0.	15187.84	.522	764.2	1570.8	1565.1	715.6	.2	1.4	.0096	.111	.110	5	45.4
1817	8.842	.005	3	0	15166.	0.	15166.41	.521	764.5	1570.8	1565.1	715.8	.2	1.4	.0096	.111	.111	5	45.4
1818	8.847	.005	3	0	15145.	0.	15144.86	.521	764.7	1570.8	1565.1	716.0	.2	1.4	.0096	.109	.111	5	45.4
1819	8.853	.005	3	0	15120.	0.	15119.53	.520	764.9	1570.8	1565.1	716.3	.2	1.4	.0096	.109	.111	5	45.4
1820	8.858	.005	3	0	15098.	0.	15097.91	.519	765.1	1570.8	1565.1	716.5	.2	1.4	.0096	.109	.108	5	45.4
1821	8.863	.005	3	0	15073.	0.	15072.98	.518	765.3	1570.8	1565.1	716.7	.2	1.4	.0096	.109	.108	5	45.4
1822	8.869	.005	3	0	15051.	0.	15050.78	.517	765.5	1570.8	1565.1	716.9	.2	1.4	.0096	.109	.109	5	45.4
1823	8.874	.005	3	0	15029.	0.	15029.04	.517	765.8	1570.8	1565.1	717.1	.2	1.4	.0096	.109	.109	5	45.4
1824	8.880	.005	3	0	15007.	0.	15007.27	.516	766.0	1570.7	1565.1	717.3	.2	1.4	.0096	.109	.109	5	45.4
1825	8.885	.005	3	0	14982.	0.	14981.69	.515	766.2	1570.7	1565.1	717.6	.2	1.4	.0096	.109	.109	5	45.4
1826	8.890	.005	3	0	14960.	0.	14959.84	.514	766.4	1570.7	1565.1	717.8	.2	1.4	.0096	.109	.109	5	45.4
1827	8.896	.005	3	0	14938.	0.	14937.94	.513	766.6	1570.7	1565.1	718.0	.2	1.4	.0096	.109	.109	5	45.4
1828	8.901	.005	3	0	14913.	0.	14912.73	.512	766.8	1570.7	1565.1	718.2	.2	1.4	.0096	.109	.109	5	45.4
1829	8.906	.005	3	0	14890.	0.	14890.19	.512	767.1	1570.7	1565.1	718.4	.2	1.3	.0096	.107	.109	5	45.4
1830	8.912	.005	3	0	14868.	0.	14868.11	.511	767.3	1570.7	1565.1	718.6	.2	1.3	.0096	.107	.109	5	45.4
1831	8.917	.005	3	0	14846.	0.	14845.98	.510	767.5	1570.7	1565.1	718.9	.2	1.3	.0096	.107	.107	5	45.4
1832	8.922	.005	3	0	14824.	0.	14823.82	.509	767.7	1570.7	1565.1	719.1	.2	1.3	.0096	.107	.107	5	45.4
1833	8.928	.005	3	0	14798.	0.	14798.31	.508	767.9	1570.7	1565.1	719.3	.2	1.3	.0096	.107	.107	5	45.4
1834	8.933	.005	3	0	14776.	0.	14775.59	.508	768.1	1570.7	1565.1	719.5	.2	1.3	.0096	.107	.107	5	45.4
1835	8.938	.005	3	0	14753.	0.	14753.31	.507	768.3	1570.7	1565.1	719.7	.2	1.3	.0096	.107	.107	5	45.4
1836	8.944	.005	3	0	14731.	0.	14731.00	.506	768.6	1570.7	1565.1	719.9	.2	1.3	.0096	.107	.107	5	45.4
1837	8.949	.005	3	0	14709.	0.	14708.66	.505	768.8	1570.7	1565.1	720.1	.2	1.3	.0096	.107	.107	5	45.4
1838	8.954	.005	3	0	14686.	0.	14686.27	.504	769.0	1570.7	1565.1	720.4	.2	1.3	.0096	.107	.107	5	45.4
1839	8.960	.005	3	0	14661.	0.	14660.51	.503	769.2	1570.7	1565.1	720.6	.2	1.3	.0096	.107	.107	5	45.4
1840	8.965	.005	3	0	14638.	0.	14637.96	.503	769.4	1570.7	1565.1	720.8	.2	1.3	.0096	.105	.107	5	45.4
1841	8.971	.005	3	0	14615.	0.	14615.38	.502	769.6	1570.7	1565.1	721.0	.2	1.3	.0096	.105	.107	5	45.4
1842	8.976	.005	3	0	14592.	0.	14592.29	.501	769.8	1570.7	1565.1	721.2	.2	1.3	.0096	.105	.105	5	45.4

1843	8.981	.005	3	0	14570.	0.	14569.64	.500	770.0	1570.7	1565.1	721.4	.2	1.3	.0096	.105	.105	5	45.4
1844	8.987	.005	3	0	14547.	0.	14546.96	.499	770.3	1570.7	1565.1	721.6	.2	1.3	.0096	.105	.105	5	45.4
1845	8.992	.005	3	0	14524.	0.	14524.23	.499	770.5	1570.7	1565.1	721.8	.2	1.3	.0096	.105	.105	5	45.4
1846	8.997	.005	3	0	14501.	0.	14501.47	.498	770.7	1570.7	1565.1	722.0	.2	1.3	.0096	.105	.105	5	45.4
1847	9.003	.005	3	0	14479.	0.	14478.67	.497	770.9	1570.7	1565.1	722.3	.2	1.3	.0096	.105	.105	5	45.4
1848	9.008	.005	3	0	14456.	0.	14455.84	.496	771.1	1570.7	1565.1	722.5	.2	1.3	.0096	.105	.105	5	45.4
1849	9.013	.005	3	0	14433.	0.	14432.97	.495	771.3	1570.7	1565.1	722.7	.2	1.3	.0096	.105	.105	5	45.4
1850	9.019	.005	3	0	14410.	0.	14410.06	.494	771.5	1570.7	1565.1	722.9	.2	1.3	.0096	.105	.105	5	45.4
1851	9.024	.005	3	0	14387.	0.	14387.03	.494	771.7	1570.7	1565.1	723.1	.2	1.3	.0096	.103	.105	5	45.4
1852	9.029	.005	3	0	14364.	0.	14363.97	.493	771.9	1570.7	1565.1	723.3	.2	1.3	.0096	.103	.105	5	45.4
1853	9.035	.005	3	0	14341.	0.	14340.88	.492	772.1	1570.7	1565.1	723.5	.2	1.3	.0096	.103	.103	5	45.4
1854	9.040	.005	3	0	14318.	0.	14318.21	.491	772.3	1570.7	1565.1	723.7	.2	1.3	.0096	.103	.103	5	45.4
1855	9.046	.005	3	0	14295.	0.	14295.04	.490	772.5	1570.7	1565.1	723.9	.2	1.3	.0096	.103	.103	5	45.4
1856	9.051	.005	3	0	14275.	0.	14275.26	.490	772.8	1570.7	1565.1	724.1	.2	1.3	.0096	.103	.103	5	45.4
1857	9.056	.005	3	0	14252.	0.	14252.03	.489	773.0	1570.7	1565.1	724.3	.2	1.3	.0096	.103	.103	5	45.4
1858	9.062	.005	3	0	14229.	0.	14228.75	.488	773.2	1570.7	1565.1	724.5	.2	1.3	.0096	.103	.103	5	45.4
1859	9.067	.005	3	0	14205.	0.	14205.44	.487	773.4	1570.7	1565.1	724.7	.2	1.3	.0096	.103	.103	5	45.4
1860	9.072	.005	3	0	14182.	0.	14182.09	.486	773.6	1570.7	1565.1	724.9	.2	1.3	.0096	.103	.103	5	45.4
1861	9.078	.005	3	0	14159.	0.	14158.70	.486	773.8	1570.7	1565.1	725.2	.2	1.3	.0096	.103	.103	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BQ	PPP	HP	CNN	DH	DHH	KIT	ALG
1862	9.083	.005	3	0	14135.	0.	14135.20	.485	774.0	1570.7	1565.1	725.4	.2	1.3	.0096	.101	.103	5	45.4
1863	9.088	.005	3	0	14112.	0.	14111.67	.484	774.2	1570.7	1565.1	725.6	.2	1.3	.0096	.102	.103	5	45.4
1864	9.094	.005	3	0	14089.	0.	14088.55	.483	774.4	1570.7	1565.1	725.8	.2	1.3	.0096	.102	.101	5	45.4
1865	9.099	.005	3	0	14068.	0.	14068.41	.482	774.6	1570.7	1565.1	726.0	.2	1.3	.0096	.102	.101	5	45.4
1866	9.104	.005	3	0	14045.	0.	14044.77	.481	774.8	1570.7	1565.1	726.2	.2	1.3	.0096	.102	.101	5	45.4
1867	9.110	.005	3	0	14021.	0.	14021.09	.481	775.0	1570.7	1565.1	726.4	.2	1.3	.0096	.102	.101	5	45.4
1868	9.115	.005	3	0	13997.	0.	13997.37	.480	775.2	1570.7	1565.1	726.6	.2	1.3	.0096	.102	.101	5	45.4
1869	9.120	.005	3	0	13974.	0.	13974.08	.479	775.4	1570.7	1565.1	726.8	.2	1.3	.0096	.102	.101	5	45.4
1870	9.126	.005	3	0	13954.	0.	13953.79	.478	775.6	1570.7	1565.1	727.0	.2	1.3	.0096	.102	.101	5	45.4
1871	9.131	.005	3	0	13930.	0.	13929.97	.477	775.8	1570.7	1565.1	727.2	.2	1.3	.0096	.102	.101	5	45.4
1872	9.137	.005	3	0	13906.	0.	13906.11	.477	776.0	1570.7	1565.1	727.4	.2	1.3	.0096	.102	.101	5	45.4
1873	9.142	.005	3	0	13886.	0.	13886.11	.476	776.2	1570.7	1565.1	727.6	.2	1.3	.0096	.100	.101	5	45.4
1874	9.147	.005	3	0	13862.	0.	13862.10	.475	776.4	1570.7	1565.1	727.8	.2	1.3	.0096	.100	.099	5	45.4
1875	9.153	.005	3	0	13838.	0.	13838.06	.474	776.6	1570.7	1565.1	728.0	.2	1.3	.0096	.100	.099	5	45.4
1876	9.158	.005	3	0	13814.	0.	13814.43	.473	776.8	1570.7	1565.1	728.2	.2	1.3	.0096	.100	.099	5	45.4
1877	9.163	.005	3	0	13794.	0.	13793.86	.473	777.0	1570.7	1565.1	728.4	.2	1.3	.0096	.100	.099	5	45.4
1878	9.169	.005	3	0	13770.	0.	13769.70	.472	777.2	1570.7	1565.1	728.6	.2	1.3	.0096	.100	.099	5	45.4
1879	9.174	.005	3	0	13746.	0.	13745.97	.471	777.4	1570.7	1565.1	728.8	.2	1.3	.0096	.100	.100	5	45.4
1880	9.179	.005	3	0	13725.	0.	13725.29	.470	777.6	1570.7	1565.1	729.0	.2	1.3	.0096	.100	.100	5	45.4
1881	9.185	.005	3	0	13701.	0.	13701.04	.469	777.8	1570.7	1565.1	729.2	.2	1.3	.0096	.100	.100	5	45.4
1882	9.190	.005	3	0	13677.	0.	13677.20	.468	778.0	1570.7	1565.1	729.4	.2	1.3	.0096	.100	.100	5	45.4
1883	9.195	.005	3	0	13656.	0.	13656.37	.468	778.2	1570.7	1565.1	729.6	.2	1.3	.0096	.098	.100	5	45.4
1884	9.201	.005	3	0	13632.	0.	13631.93	.467	778.4	1570.7	1565.1	729.8	.2	1.3	.0096	.098	.100	5	45.4
1885	9.206	.005	3	0	13611.	0.	13611.48	.466	778.6	1570.7	1565.1	730.0	.2	1.3	.0096	.098	.098	5	45.4
1886	9.212	.005	3	0	13587.	0.	13586.97	.465	778.8	1570.7	1565.1	730.2	.2	1.3	.0096	.098	.098	5	45.4
1887	9.217	.005	3	0	13563.	0.	13562.87	.464	779.0	1570.7	1565.1	730.4	.2	1.3	.0096	.098	.098	5	45.4
1888	9.222	.005	3	0	13542.	0.	13541.89	.464	779.2	1570.7	1565.1	730.6	.2	1.3	.0096	.098	.098	5	45.4
1889	9.228	.005	3	0	13518.	0.	13517.72	.463	779.4	1570.7	1565.1	730.8	.2	1.3	.0096	.098	.098	5	45.4
1890	9.233	.005	3	0	13497.	0.	13496.66	.462	779.6	1570.7	1565.1	731.0	.2	1.3	.0096	.098	.098	5	45.4
1891	9.238	.005	3	0	13472.	0.	13471.99	.461	779.8	1570.7	1565.1	731.2	.2	1.3	.0096	.098	.098	5	45.4
1892	9.244	.005	3	0	13451.	0.	13451.32	.460	780.0	1570.7	1565.1	731.3	.2	1.3	.0096	.098	.098	5	45.4
1893	9.249	.005	3	0	13427.	0.	13426.56	.460	780.2	1570.7	1565.1	731.5	.2	1.3	.0096	.098	.098	5	45.4
1894	9.254	.005	3	0	13406.	0.	13405.77	.459	780.4	1570.7	1565.1	731.7	.2	1.2	.0096	.096	.098	5	45.4
1895	9.260	.005	3	0	13381.	0.	13380.88	.458	780.6	1570.7	1565.1	731.9	.2	1.2	.0096	.096	.096	5	45.4
1896	9.265	.005	3	0	13360.	0.	13360.01	.457	780.8	1570.7	1565.1	732.1	.2	1.2	.0096	.096	.096	5	45.4
1897	9.270	.005	3	0	13335.	0.	13335.06	.456	780.9	1570.7	1565.1	732.3	.2	1.2	.0096	.096	.096	5	45.4

1898	9.276	.005	3	0	13314.	0.	13314.13	.456	781.1	1570.7	1565.1	732.5	.2	1.2	.0096	.096	.096	5	45.4
1899	9.281	.005	3	0	13290.	0.	13289.53	.455	781.3	1570.7	1565.1	732.7	.2	1.2	.0096	.096	.096	5	45.4
1900	9.286	.005	3	0	13268.	0.	13268.11	.454	781.5	1570.7	1565.1	732.9	.2	1.2	.0096	.096	.096	5	45.4
1901	9.292	.005	3	0	13247.	0.	13247.10	.453	781.7	1570.7	1565.1	733.1	.2	1.2	.0096	.096	.096	5	45.4
1902	9.297	.005	3	0	13222.	0.	13221.96	.452	781.9	1570.7	1565.1	733.3	.2	1.2	.0096	.096	.096	5	45.4
1903	9.303	.005	3	0	13201.	0.	13200.88	.452	782.1	1570.7	1565.1	733.5	.2	1.2	.0096	.096	.096	5	45.4
1904	9.308	.005	3	0	13176.	0.	13175.61	.451	782.3	1570.7	1565.1	733.7	.2	1.2	.0096	.095	.096	5	45.4
1905	9.313	.005	3	0	13154.	0.	13154.40	.450	782.5	1570.7	1565.1	733.9	.2	1.2	.0096	.095	.096	5	45.4
1906	9.319	.005	3	0	13129.	0.	13129.50	.449	782.7	1570.7	1565.1	734.0	.2	1.2	.0096	.095	.094	5	45.4
1907	9.324	.005	3	0	13108.	0.	13107.80	.448	782.9	1570.7	1565.1	734.2	.2	1.2	.0096	.095	.094	5	45.4
1908	9.329	.005	3	0	13086.	0.	13086.49	.448	783.1	1570.7	1565.1	734.4	.2	1.2	.0096	.095	.094	5	45.4
1909	9.335	.005	3	0	13061.	0.	13061.47	.447	783.2	1570.7	1565.1	734.6	.2	1.2	.0096	.095	.094	5	45.4
1910	9.340	.005	3	0	13040.	0.	13039.69	.446	783.4	1570.7	1565.1	734.8	.2	1.2	.0096	.095	.094	5	45.4
1911	9.345	.005	3	0	13018.	0.	13018.29	.445	783.6	1570.7	1565.1	735.0	.2	1.2	.0096	.095	.094	5	45.4
1912	9.351	.005	3	0	12993.	0.	12992.75	.444	783.8	1570.7	1565.1	735.2	.2	1.2	.0096	.095	.094	5	45.4
1913	9.356	.005	3	0	12971.	0.	12971.29	.444	784.0	1570.7	1565.1	735.4	.2	1.2	.0096	.095	.094	5	45.4
1914	9.361	.005	3	0	12950.	0.	12949.75	.443	784.2	1570.7	1565.1	735.6	.2	1.2	.0096	.093	.094	5	45.4
1915	9.367	.005	3	0	12924.	0.	12924.46	.442	784.4	1570.7	1565.1	735.7	.2	1.2	.0096	.093	.094	5	45.4
1916	9.372	.005	3	0	12902.	0.	12902.42	.441	784.6	1570.7	1565.1	735.9	.2	1.2	.0096	.093	.093	5	45.4
1917	9.378	.005	3	0	12881.	0.	12880.79	.440	784.7	1570.7	1565.1	736.1	.2	1.2	.0096	.093	.093	5	45.4
1918	9.383	.005	3	0	12859.	0.	12859.12	.440	784.9	1570.7	1565.1	736.3	.2	1.2	.0096	.093	.093	5	45.4
1919	9.388	.005	3	0	12833.	0.	12833.27	.439	785.1	1570.7	1565.1	736.5	.2	1.2	.0096	.093	.093	5	45.4
1920	9.394	.005	3	0	12812.	0.	12811.54	.438	785.3	1570.7	1565.1	736.7	.2	1.2	.0096	.093	.093	5	45.4
1921	9.399	.005	3	0	12790.	0.	12789.78	.437	785.5	1570.7	1565.1	736.9	.2	1.2	.0096	.093	.093	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1922	9.404	.005	3	0	12768.	0.	12767.99	.436	785.7	1570.7	1565.1	737.0	.2	1.2	.0096	.093	.093	5	45.4
1923	9.410	.005	3	0	12742.	0.	12742.00	.436	785.9	1570.7	1565.1	737.2	.2	1.2	.0096	.093	.093	5	45.4
1924	9.415	.005	3	0	12720.	0.	12720.09	.435	786.0	1570.7	1565.1	737.4	.2	1.2	.0096	.091	.093	5	45.4
1925	9.420	.005	3	0	12698.	0.	12698.15	.434	786.2	1570.7	1565.1	737.6	.2	1.2	.0096	.091	.093	5	45.4
1926	9.426	.005	3	0	12676.	0.	12676.18	.433	786.4	1570.7	1565.1	737.8	.2	1.2	.0096	.091	.091	5	45.4
1927	9.431	.005	3	0	12654.	0.	12654.18	.432	786.6	1570.7	1565.1	738.0	.2	1.2	.0096	.091	.091	5	45.4
1928	9.436	.005	3	0	12628.	0.	12627.96	.432	786.8	1570.7	1565.1	738.1	.2	1.2	.0096	.091	.091	5	45.4
1929	9.442	.005	3	0	12606.	0.	12605.90	.431	787.0	1570.7	1565.1	738.3	.2	1.2	.0096	.091	.091	5	45.4
1930	9.447	.005	3	0	12584.	0.	12583.81	.430	787.1	1570.7	1565.1	738.5	.2	1.2	.0096	.091	.091	5	45.4
1931	9.452	.005	3	0	12562.	0.	12561.68	.429	787.3	1570.7	1565.1	738.7	.2	1.2	.0096	.091	.091	5	45.4
1932	9.458	.005	3	0	12540.	0.	12539.53	.428	787.5	1570.7	1565.1	738.9	.2	1.2	.0096	.091	.091	5	45.4
1933	9.463	.005	3	0	12517.	0.	12517.35	.428	787.7	1570.7	1565.1	739.1	.2	1.2	.0096	.091	.091	5	45.4
1934	9.469	.005	3	0	12491.	0.	12491.28	.427	787.9	1570.7	1565.1	739.2	.2	1.2	.0096	.090	.091	5	45.4
1935	9.474	.005	3	0	12469.	0.	12468.98	.426	788.0	1570.7	1565.1	739.4	.2	1.2	.0096	.090	.091	5	45.4
1936	9.479	.005	3	0	12446.	0.	12446.24	.425	788.2	1570.7	1565.1	739.6	.2	1.2	.0096	.090	.089	5	45.4
1937	9.485	.005	3	0	12424.	0.	12423.87	.424	788.4	1570.7	1565.1	739.8	.2	1.2	.0096	.090	.089	5	45.4
1938	9.490	.005	3	0	12401.	0.	12401.49	.424	788.6	1570.7	1565.1	739.9	.2	1.2	.0096	.090	.089	5	45.4
1939	9.495	.005	3	0	12379.	0.	12379.07	.423	788.8	1570.7	1565.1	740.1	.2	1.2	.0096	.090	.089	5	45.4
1940	9.501	.005	3	0	12357.	0.	12356.62	.422	788.9	1570.7	1565.1	740.3	.2	1.2	.0096	.090	.089	5	45.4
1941	9.506	.005	3	0	12334.	0.	12334.14	.421	789.1	1570.7	1565.1	740.5	.2	1.2	.0096	.090	.089	5	45.4
1942	9.511	.005	3	0	12312.	0.	12311.63	.421	789.3	1570.7	1565.1	740.7	.2	1.2	.0096	.090	.089	5	45.4
1943	9.517	.005	3	0	12289.	0.	12289.09	.420	789.5	1570.7	1565.1	740.8	.2	1.2	.0096	.090	.089	5	45.4
1944	9.522	.005	3	0	12266.	0.	12266.46	.419	789.7	1570.7	1565.1	741.0	.2	1.2	.0096	.088	.089	5	45.4
1945	9.527	.005	3	0	12244.	0.	12243.82	.418	789.8	1570.7	1565.1	741.2	.2	1.2	.0096	.088	.089	5	45.4
1946	9.533	.005	3	0	12221.	0.	12221.13	.417	790.0	1570.7	1565.1	741.4	.2	1.2	.0096	.088	.088	5	45.4
1947	9.538	.005	3	0	12198.	0.	12198.42	.417	790.2	1570.7	1565.1	741.5	.2	1.2	.0096	.088	.088	5	45.4
1948	9.544	.005	3	0	12176.	0.	12175.68	.416	790.4	1570.6	1565.1	741.7	.2	1.2	.0096	.088	.088	5	45.4
1949	9.549	.005	3	0	12153.	0.	12152.91	.415	790.5	1570.6	1565.1	741.9	.2	1.2	.0096	.088	.088	5	45.4
1950	9.554	.005	3	0	12130.	0.	12130.11	.414	790.7	1570.6	1565.1	742.1	.2	1.2	.0096	.088	.088	5	45.4
1951	9.560	.005	3	0	12107.	0.	12107.28	.413	790.9	1570.6	1565.1	742.3	.2	1.2	.0096	.088	.088	5	45.4
1952	9.565	.005	3	0	12081.	0.	12080.54	.412	791.1	1570.6	1565.1	742.4	.2	1.2	.0096	.088	.088	5	45.4

1953	9.570	.005	3	0	12062.	0.	12061.53	.412	791.2	1570.6	1565.1	742.6	.2	1.2	.0096	.088	.088	5	45.4
1954	9.576	.005	3	0	12039.	0.	12038.56	.411	791.4	1570.6	1565.1	742.8	.2	1.2	.0096	.086	.088	5	45.4
1955	9.581	.005	3	0	12016.	0.	12015.56	.410	791.6	1570.6	1565.1	743.0	.2	1.2	.0096	.086	.086	5	45.4
1956	9.586	.005	3	0	11993.	0.	11992.52	.409	791.8	1570.6	1565.1	743.1	.2	1.2	.0096	.086	.086	5	45.4
1957	9.592	.005	3	0	11969.	0.	11969.46	.409	791.9	1570.6	1565.1	743.3	.2	1.2	.0096	.086	.086	5	45.4
1958	9.597	.005	3	0	11946.	0.	11946.37	.408	792.1	1570.6	1565.1	743.5	.2	1.2	.0096	.086	.086	5	45.4
1959	9.602	.005	3	0	11923.	0.	11923.25	.407	792.3	1570.6	1565.1	743.6	.2	1.2	.0096	.086	.086	5	45.4
1960	9.608	.005	3	0	11900.	0.	11900.10	.406	792.4	1570.6	1565.1	743.8	.2	1.2	.0096	.087	.086	5	45.4
1961	9.613	.005	3	0	11877.	0.	11876.92	.405	792.6	1570.6	1565.1	744.0	.2	1.2	.0096	.087	.086	5	45.4
1962	9.618	.005	3	0	11854.	0.	11854.10	.405	792.8	1570.6	1565.1	744.2	.2	1.2	.0096	.087	.086	5	45.4
1963	9.624	.005	3	0	11835.	0.	11834.75	.404	793.0	1570.6	1565.1	744.3	.2	1.1	.0096	.085	.086	5	45.4
1964	9.629	.005	3	0	11811.	0.	11811.43	.403	793.1	1570.6	1565.1	744.5	.2	1.1	.0096	.085	.086	5	45.4
1965	9.635	.005	3	0	11788.	0.	11788.08	.402	793.3	1570.6	1565.1	744.7	.2	1.1	.0096	.085	.085	5	45.4
1966	9.640	.005	3	0	11765.	0.	11764.70	.401	793.5	1570.6	1565.1	744.8	.2	1.1	.0096	.085	.085	5	45.4
1967	9.645	.005	3	0	11741.	0.	11741.30	.401	793.6	1570.6	1565.1	745.0	.2	1.1	.0096	.085	.085	5	45.4
1968	9.651	.005	3	0	11718.	0.	11717.87	.400	793.8	1570.6	1565.1	745.2	.2	1.1	.0096	.085	.085	5	45.4
1969	9.656	.005	3	0	11699.	0.	11698.75	.399	794.0	1570.6	1565.1	745.4	.2	1.1	.0096	.085	.085	5	45.4
1970	9.661	.005	3	0	11675.	0.	11675.27	.398	794.2	1570.6	1565.1	745.5	.2	1.1	.0096	.085	.085	5	45.4
1971	9.667	.005	3	0	11652.	0.	11651.74	.398	794.3	1570.6	1565.1	745.7	.2	1.1	.0096	.085	.085	5	45.4
1972	9.672	.005	3	0	11628.	0.	11628.19	.397	794.5	1570.6	1565.1	745.9	.2	1.1	.0096	.085	.085	5	45.4
1973	9.677	.005	3	0	11605.	0.	11604.56	.396	794.7	1570.6	1565.1	746.0	.2	1.1	.0096	.083	.085	5	45.4
1974	9.683	.005	3	0	11581.	0.	11581.28	.395	794.8	1570.6	1565.1	746.2	.2	1.1	.0096	.083	.083	5	45.4
1975	9.688	.005	3	0	11562.	0.	11561.59	.394	795.0	1570.6	1565.1	746.4	.2	1.1	.0096	.083	.083	5	45.4
1976	9.693	.005	3	0	11538.	0.	11537.87	.394	795.2	1570.6	1565.1	746.5	.2	1.1	.0096	.083	.083	5	45.4
1977	9.699	.005	3	0	11514.	0.	11514.12	.393	795.3	1570.6	1565.1	746.7	.2	1.1	.0096	.083	.083	5	45.4
1978	9.704	.005	3	0	11491.	0.	11490.73	.392	795.5	1570.6	1565.1	746.9	.2	1.1	.0096	.083	.083	5	45.4
1979	9.710	.005	3	0	11471.	0.	11470.94	.391	795.7	1570.6	1565.1	747.0	.2	1.1	.0096	.083	.083	5	45.4
1980	9.715	.005	3	0	11447.	0.	11447.11	.390	795.8	1570.6	1565.1	747.2	.2	1.1	.0096	.083	.083	5	45.4
1981	9.720	.005	3	0	11423.	0.	11423.25	.390	796.0	1570.6	1565.1	747.4	.2	1.1	.0096	.083	.083	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1982	9.726	.005	3	0	11404.	0.	11403.71	.389	796.2	1570.6	1565.1	747.5	.2	1.1	.0096	.082	.083	5	45.4
1983	9.731	.005	3	0	11380.	0.	11379.75	.388	796.3	1570.6	1565.1	747.7	.2	1.1	.0096	.082	.082	5	45.4
1984	9.736	.005	3	0	11356.	0.	11355.77	.387	796.5	1570.6	1565.1	747.9	.2	1.1	.0096	.082	.082	5	45.4
1985	9.742	.005	3	0	11332.	0.	11331.73	.386	796.6	1570.6	1565.1	748.0	.2	1.1	.0096	.082	.082	5	45.4
1986	9.747	.005	3	0	11312.	0.	11312.11	.386	796.8	1570.6	1565.1	748.2	.2	1.1	.0096	.082	.082	5	45.4
1987	9.752	.005	3	0	11288.	0.	11288.03	.385	797.0	1570.6	1565.1	748.3	.2	1.1	.0096	.082	.082	5	45.4
1988	9.758	.005	3	0	11264.	0.	11263.92	.384	797.1	1570.6	1565.1	748.5	.2	1.1	.0096	.082	.082	5	45.4
1989	9.763	.005	3	0	11244.	0.	11244.21	.383	797.3	1570.6	1565.1	748.7	.2	1.1	.0096	.082	.082	5	45.4
1990	9.768	.005	3	0	11220.	0.	11220.05	.383	797.5	1570.6	1565.1	748.8	.2	1.1	.0096	.082	.082	5	45.4
1991	9.774	.005	3	0	11196.	0.	11195.81	.382	797.6	1570.6	1565.1	749.0	.2	1.1	.0096	.080	.082	5	45.4
1992	9.779	.005	3	0	11176.	0.	11175.99	.381	797.8	1570.6	1565.1	749.2	.2	1.1	.0096	.080	.082	5	45.4
1993	9.784	.005	3	0	11152.	0.	11151.68	.380	797.9	1570.6	1565.1	749.3	.2	1.1	.0096	.080	.080	5	45.4
1994	9.790	.005	3	0	11127.	0.	11127.36	.379	798.1	1570.6	1565.1	749.5	.2	1.1	.0096	.080	.080	5	45.4
1995	9.795	.005	3	0	11107.	0.	11107.46	.379	798.3	1570.6	1565.1	749.6	.2	1.1	.0096	.080	.080	5	45.4
1996	9.801	.005	3	0	11083.	0.	11083.08	.378	798.4	1570.6	1565.1	749.8	.2	1.1	.0096	.080	.080	5	45.4
1997	9.806	.005	3	0	11059.	0.	11059.04	.377	798.6	1570.6	1565.1	750.0	.2	1.1	.0096	.080	.080	5	45.4
1998	9.811	.005	3	0	11039.	0.	11038.69	.376	798.8	1570.6	1565.1	750.1	.2	1.1	.0096	.080	.080	5	45.4
1999	9.817	.005	3	0	11014.	0.	11014.24	.376	798.9	1570.6	1565.1	750.3	.2	1.1	.0096	.080	.080	5	45.4
2000	9.822	.005	3	0	10994.	0.	10994.16	.375	799.1	1570.6	1565.1	750.4	.2	1.1	.0096	.079	.080	5	45.4
2001	9.827	.005	3	0	10970.	0.	10969.61	.374	799.2	1570.6	1565.1	750.6	.2	1.1	.0096	.079	.079	5	45.4
2002	9.833	.005	3	0	10949.	0.	10949.49	.373	799.4	1570.6	1565.1	750.8	.2	1.1	.0096	.079	.079	5	45.4
2003	9.838	.005	3	0	10925.	0.	10924.86	.372	799.5	1570.6	1565.1	750.9	.2	1.1	.0096	.079	.079	5	45.4
2004	9.843	.005	3	0	10901.	0.	10900.58	.372	799.7	1570.6	1565.1	751.1	.2	1.1	.0096	.079	.079	5	45.4
2005	9.849	.005	3	0	10880.	0.	10880.02	.371	799.9	1570.6	1565.1	751.2	.2	1.1	.0096	.079	.079	5	45.4
2006	9.854	.005	3	0	10855.	0.	10855.32	.370	800.0	1570.6	1565.1	751.4	.2	1.1	.0096	.079	.079	5	45.4
2007	9.859	.005	3	0	10835.	0.	10835.08	.369	800.2	1570.6	1565.1	751.5	.2	1.1	.0096	.079	.079	5	45.4

2008	9.865	.005	3	0	10810.	0.	10810.32	.368	800.3	1570.6	1565.1	751.7	.2	1.1	.0096	.079	.079	5	45.4
2009	9.870	.005	3	0	10790.	0.	10790.00	.368	800.5	1570.6	1565.1	751.9	.2	1.1	.0096	.077	.079	5	45.4
2010	9.876	.005	3	0	10765.	0.	10765.13	.367	800.6	1570.6	1565.1	752.0	.2	1.1	.0096	.077	.077	5	45.4
2011	9.881	.005	3	0	10745.	0.	10744.76	.366	800.8	1570.6	1565.1	752.2	.2	1.1	.0096	.077	.077	5	45.4
2012	9.886	.005	3	0	10720.	0.	10719.84	.365	801.0	1570.6	1565.1	752.3	.2	1.1	.0096	.077	.077	5	45.4
2013	9.892	.005	3	0	10699.	0.	10699.42	.365	801.1	1570.6	1565.1	752.5	.2	1.1	.0096	.077	.077	5	45.4
2014	9.897	.005	3	0	10674.	0.	10674.45	.364	801.3	1570.6	1565.1	752.6	.2	1.1	.0096	.077	.077	5	45.4
2015	9.902	.005	3	0	10654.	0.	10653.98	.363	801.4	1570.6	1565.1	752.8	.2	1.1	.0096	.077	.077	5	45.4
2016	9.908	.005	3	0	10629.	0.	10628.95	.362	801.6	1570.6	1565.1	752.9	.2	1.1	.0096	.077	.077	5	45.4
2017	9.913	.005	3	0	10608.	0.	10608.43	.362	801.7	1570.6	1565.1	753.1	.2	1.1	.0096	.077	.077	5	45.4
2018	9.918	.005	3	0	10583.	0.	10583.32	.361	801.9	1570.6	1565.1	753.2	.2	1.1	.0096	.076	.077	5	45.4
2019	9.924	.005	3	0	10563.	0.	10562.71	.360	802.0	1570.6	1565.1	753.4	.2	1.1	.0096	.076	.076	5	45.4
2020	9.929	.005	3	0	10538.	0.	10537.52	.359	802.2	1570.6	1565.1	753.6	.2	1.1	.0096	.076	.076	5	45.4
2021	9.934	.005	3	0	10517.	0.	10516.87	.358	802.3	1570.6	1565.1	753.7	.2	1.1	.0096	.076	.076	5	45.4
2022	9.940	.005	3	0	10492.	0.	10491.98	.358	802.5	1570.6	1565.1	753.9	.2	1.1	.0096	.076	.076	5	45.4
2023	9.945	.005	3	0	10471.	0.	10470.94	.357	802.6	1570.6	1565.1	754.0	.2	1.1	.0096	.076	.076	5	45.4
2024	9.950	.005	3	0	10450.	0.	10450.21	.356	802.8	1570.6	1565.1	754.2	.2	1.1	.0096	.076	.076	5	45.4
2025	9.956	.005	3	0	10425.	0.	10424.88	.355	802.9	1570.6	1565.1	754.3	.2	1.1	.0096	.076	.076	5	45.4
2026	9.961	.005	3	0	10404.	0.	10404.08	.355	803.1	1570.6	1565.1	754.5	.1	1.0	.0096	.075	.076	5	45.4
2027	9.967	.005	3	0	10379.	0.	10378.66	.354	803.2	1570.6	1565.1	754.6	.1	1.0	.0096	.075	.076	5	45.4
2028	9.972	.005	3	0	10358.	0.	10357.80	.353	803.4	1570.6	1565.1	754.8	.1	1.0	.0096	.075	.074	5	45.4
2029	9.977	.005	3	0	10333.	0.	10332.68	.352	803.5	1570.6	1565.1	754.9	.1	1.0	.0096	.075	.074	5	45.4
2030	9.983	.005	3	0	10311.	0.	10311.42	.351	803.7	1570.6	1565.1	755.1	.1	1.0	.0096	.075	.074	5	45.4
2031	9.988	.005	3	0	10290.	0.	10290.49	.351	803.8	1570.6	1565.1	755.2	.1	1.0	.0096	.075	.074	5	45.4
2032	9.993	.005	3	0	10265.	0.	10265.28	.350	804.0	1570.6	1565.1	755.4	.1	1.0	.0096	.075	.074	5	45.4
2033	9.999	.005	3	0	10244.	0.	10243.97	.349	804.1	1570.6	1565.1	755.5	.1	1.0	.0096	.075	.074	5	45.4
2034	10.004	.005	3	0	10223.	0.	10222.96	.348	804.3	1570.6	1565.1	755.7	.1	1.0	.0096	.075	.074	5	45.4
2035	10.009	.005	3	0	10198.	0.	10197.63	.347	804.4	1570.6	1565.1	755.8	.1	1.0	.0096	.073	.074	5	45.4
2036	10.015	.005	3	0	10176.	0.	10176.21	.347	804.6	1570.6	1565.1	755.9	.1	1.0	.0096	.073	.073	5	45.4
2037	10.020	.005	3	0	10155.	0.	10155.10	.346	804.7	1570.6	1565.1	756.1	.1	1.0	.0096	.073	.073	5	45.4
2038	10.025	.005	3	0	10130.	0.	10129.69	.345	804.9	1570.6	1565.1	756.2	.1	1.0	.0096	.073	.073	5	45.4
2039	10.031	.005	3	0	10108.	0.	10108.20	.344	805.0	1570.6	1565.1	756.4	.1	1.0	.0096	.073	.073	5	45.4
2040	10.036	.005	3	0	10087.	0.	10087.01	.344	805.2	1570.6	1565.1	756.5	.1	1.0	.0096	.073	.073	5	45.4
2041	10.042	.005	3	0	10062.	0.	10061.51	.343	805.3	1570.6	1565.1	756.7	.1	1.0	.0096	.073	.073	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2042	10.047	.005	3	0	10040.	0.	10039.96	.342	805.5	1570.6	1565.1	756.8	.1	1.0	.0096	.073	.073	5	45.4
2043	10.052	.005	3	0	10019.	0.	10018.67	.341	805.6	1570.6	1565.1	757.0	.1	1.0	.0096	.072	.073	5	45.4
2044	10.058	.005	3	0	9997.	0.	9997.36	.341	805.7	1570.6	1565.1	757.1	.1	1.0	.0096	.072	.072	5	45.4
2045	10.063	.005	3	0	9971.	0.	9971.38	.340	805.9	1570.6	1565.1	757.3	.1	1.0	.0096	.072	.072	5	45.4
2046	10.068	.005	3	0	9950.	0.	9950.03	.339	806.0	1570.6	1565.1	757.4	.1	1.0	.0096	.072	.072	5	45.4
2047	10.074	.005	3	0	9929.	0.	9928.64	.338	806.2	1570.6	1565.1	757.5	.1	1.0	.0096	.072	.072	5	45.4
2048	10.079	.005	3	0	9903.	0.	9902.58	.337	806.3	1570.6	1565.1	757.7	.1	1.0	.0096	.072	.072	5	45.4
2049	10.084	.005	3	0	9881.	0.	9881.16	.337	806.5	1570.6	1565.1	757.8	.1	1.0	.0096	.072	.072	5	45.4
2050	10.090	.005	3	0	9860.	0.	9859.72	.336	806.6	1570.6	1565.1	758.0	.1	1.0	.0096	.072	.072	5	45.4
2051	10.095	.005	3	0	9838.	0.	9838.21	.335	806.8	1570.6	1565.1	758.1	.1	1.0	.0096	.071	.072	5	45.4
2052	10.100	.005	3	0	9812.	0.	9812.01	.334	806.9	1570.6	1565.1	758.3	.1	1.0	.0096	.071	.070	5	45.4
2053	10.106	.005	3	0	9790.	0.	9790.46	.333	807.0	1570.6	1565.1	758.4	.1	1.0	.0096	.071	.070	5	45.4
2054	10.111	.005	3	0	9769.	0.	9768.88	.333	807.2	1570.6	1565.1	758.5	.1	1.0	.0096	.071	.070	5	45.4
2055	10.116	.005	3	0	9747.	0.	9747.28	.332	807.3	1570.6	1565.1	758.7	.1	1.0	.0096	.071	.070	5	45.4
2056	10.122	.005	3	0	9721.	0.	9721.30	.331	807.5	1570.6	1565.1	758.8	.1	1.0	.0096	.071	.070	5	45.4
2057	10.127	.005	3	0	9699.	0.	9699.33	.330	807.6	1570.6	1565.1	759.0	.1	1.0	.0096	.071	.070	5	45.4
2058	10.133	.005	3	0	9678.	0.	9677.66	.330	807.7	1570.6	1565.1	759.1	.1	1.0	.0096	.071	.070	5	45.4
2059	10.138	.005	3	0	9656.	0.	9655.93	.329	807.9	1570.6	1565.1	759.2	.1	1.0	.0096	.069	.070	5	45.4
2060	10.143	.005	3	0	9634.	0.	9634.18	.328	808.0	1570.6	1565.1	759.4	.1	1.0	.0096	.069	.070	5	45.4
2061	10.149	.005	3	0	9608.	0.	9608.04	.327	808.2	1570.6	1565.1	759.5	.1	1.0	.0096	.069	.069	5	45.4
2062	10.154	.005	3	0	9586.	0.	9585.92	.326	808.3	1570.6	1565.1	759.7	.1	1.0	.0096	.069	.069	5	45.4

2063	10.159	.005	3	0	9564.	0.	9564.10	.326	808.4	1570.6	1565.1	759.8	.1	1.0	.0096	.069	.069	5	45.4
2064	10.165	.005	3	0	9542.	0.	9542.27	.325	808.6	1570.6	1565.1	759.9	.1	1.0	.0096	.069	.069	5	45.4
2065	10.170	.005	3	0	9520.	0.	9520.41	.324	808.7	1570.6	1565.1	760.1	.1	1.0	.0096	.069	.069	5	45.4
2066	10.175	.005	3	0	9499.	0.	9498.52	.323	808.8	1570.6	1565.1	760.2	.1	1.0	.0096	.069	.069	5	45.4
2067	10.181	.005	3	0	9472.	0.	9472.18	.323	809.0	1570.6	1565.1	760.4	.1	1.0	.0096	.068	.069	5	45.4
2068	10.186	.005	3	0	9450.	0.	9449.89	.322	809.1	1570.6	1565.1	760.5	.1	1.0	.0096	.068	.068	5	45.4
2069	10.191	.005	3	0	9428.	0.	9427.90	.321	809.3	1570.6	1565.1	760.6	.1	1.0	.0096	.068	.068	5	45.4
2070	10.197	.005	3	0	9406.	0.	9405.90	.320	809.4	1570.6	1565.1	760.8	.1	1.0	.0096	.068	.068	5	45.4
2071	10.202	.005	3	0	9384.	0.	9383.86	.320	809.5	1570.6	1565.1	760.9	.1	1.0	.0096	.068	.068	5	45.4
2072	10.208	.005	3	0	9362.	0.	9361.81	.319	809.7	1570.6	1565.1	761.0	.1	1.0	.0096	.068	.068	5	45.4
2073	10.213	.005	3	0	9340.	0.	9339.74	.318	809.8	1570.6	1565.1	761.2	.1	1.0	.0096	.068	.068	5	45.4
2074	10.218	.005	3	0	9318.	0.	9317.64	.317	809.9	1570.6	1565.1	761.3	.1	1.0	.0096	.068	.068	5	45.4
2075	10.224	.005	3	0	9291.	0.	9291.05	.316	810.1	1570.6	1565.1	761.4	.1	1.0	.0096	.067	.068	5	45.4
2076	10.229	.005	3	0	9269.	0.	9268.56	.316	810.2	1570.6	1565.1	761.6	.1	1.0	.0096	.067	.066	5	45.4
2077	10.234	.005	3	0	9246.	0.	9246.37	.315	810.3	1570.6	1565.1	761.7	.1	1.0	.0096	.067	.066	5	45.4
2078	10.240	.005	3	0	9224.	0.	9224.14	.314	810.5	1570.6	1565.1	761.8	.1	1.0	.0096	.067	.066	5	45.4
2079	10.245	.005	3	0	9202.	0.	9201.90	.313	810.6	1570.6	1565.1	762.0	.1	1.0	.0096	.067	.066	5	45.4
2080	10.250	.005	3	0	9180.	0.	9179.64	.313	810.7	1570.6	1565.1	762.1	.1	1.0	.0096	.067	.066	5	45.4
2081	10.256	.005	3	0	9157.	0.	9157.35	.312	810.9	1570.6	1565.1	762.2	.1	1.0	.0096	.067	.066	5	45.4
2082	10.261	.005	3	0	9135.	0.	9135.04	.311	811.0	1570.6	1565.1	762.4	.1	1.0	.0096	.067	.066	5	45.4
2083	10.266	.005	3	0	9113.	0.	9112.69	.310	811.1	1570.6	1565.1	762.5	.1	1.0	.0096	.065	.066	5	45.4
2084	10.272	.005	3	0	9090.	0.	9090.31	.310	811.3	1570.6	1565.1	762.6	.1	1.0	.0096	.065	.065	5	45.4
2085	10.277	.005	3	0	9068.	0.	9067.90	.309	811.4	1570.6	1565.1	762.8	.1	1.0	.0096	.065	.065	5	45.4
2086	10.282	.005	3	0	9045.	0.	9045.46	.308	811.5	1570.6	1565.1	762.9	.1	1.0	.0096	.065	.065	5	45.4
2087	10.288	.005	3	0	9023.	0.	9023.02	.307	811.7	1570.6	1565.1	763.0	.1	1.0	.0096	.065	.065	5	45.4
2088	10.293	.005	3	0	8996.	0.	8996.06	.306	811.8	1570.6	1565.1	763.2	.1	1.0	.0096	.065	.065	5	45.4
2089	10.299	.005	3	0	8978.	0.	8978.06	.306	811.9	1570.6	1565.1	763.3	.1	1.0	.0096	.065	.065	5	45.4
2090	10.304	.005	3	0	8951.	0.	8951.00	.305	812.0	1570.6	1565.1	763.4	.1	1.0	.0096	.064	.065	5	45.4
2091	10.309	.005	3	0	8928.	0.	8928.43	.304	812.2	1570.6	1565.1	763.5	.1	1.0	.0096	.064	.064	5	45.4
2092	10.315	.005	3	0	8910.	0.	8910.35	.303	812.3	1570.6	1565.1	763.7	.1	1.0	.0096	.064	.064	5	45.4
2093	10.320	.005	3	0	8883.	0.	8883.22	.303	812.4	1570.6	1565.1	763.8	.1	1.0	.0096	.064	.064	5	45.4
2094	10.325	.005	3	0	8865.	0.	8865.12	.302	812.6	1570.6	1565.1	763.9	.1	1.0	.0096	.064	.064	5	45.4
2095	10.331	.005	3	0	8838.	0.	8837.93	.301	812.7	1570.6	1565.1	764.1	.1	1.0	.0096	.064	.064	5	45.4
2096	10.336	.005	3	0	8820.	0.	8819.79	.300	812.8	1570.6	1565.1	764.2	.1	1.0	.0096	.064	.064	5	45.4
2097	10.341	.005	3	0	8797.	0.	8797.08	.300	812.9	1570.6	1565.1	764.3	.1	1.0	.0096	.064	.064	5	45.4
2098	10.347	.005	3	0	8770.	0.	8769.80	.299	813.1	1570.5	1565.1	764.4	.1	.9	.0096	.063	.064	5	45.4
2099	10.352	.005	3	0	8752.	0.	8751.57	.298	813.2	1570.5	1565.1	764.6	.1	.9	.0096	.063	.063	5	45.4
2100	10.357	.005	3	0	8729.	0.	8728.77	.297	813.3	1570.5	1565.1	764.7	.1	.9	.0096	.063	.063	5	45.4
2101	10.363	.005	3	0	8706.	0.	8705.97	.296	813.4	1570.5	1565.1	764.8	.1	.9	.0096	.063	.063	5	45.4

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2102	10.368	.005	3	0	8683.	0.	8683.12	.296	813.6	1570.5	1565.1	764.9	.1	.9	.0096	.063	.063	5	45.4
2103	10.374	.005	3	0	8660.	0.	8660.27	.295	813.7	1570.5	1565.1	765.1	.1	.9	.0096	.063	.063	5	45.4
2104	10.379	.005	3	0	8637.	0.	8637.39	.294	813.8	1570.5	1565.1	765.2	.1	.9	.0096	.063	.063	5	45.4
2105	10.384	.005	3	0	8614.	0.	8614.46	.293	813.9	1570.5	1565.1	765.3	.1	.9	.0096	.062	.063	5	45.4
2106	10.390	.005	3	0	8592.	0.	8591.50	.293	814.1	1570.5	1565.1	765.4	.1	.9	.0096	.062	.062	5	45.4
2107	10.395	.005	3	0	8569.	0.	8568.53	.292	814.2	1570.5	1565.1	765.6	.1	.9	.0096	.062	.062	5	45.4
2108	10.400	.005	3	0	8546.	0.	8545.53	.291	814.3	1570.5	1565.1	765.7	.1	.9	.0096	.062	.062	5	45.4
2109	10.406	.005	3	0	8523.	0.	8522.52	.290	814.4	1570.5	1565.1	765.8	.1	.9	.0096	.062	.062	5	45.4
2110	10.411	.005	3	0	8499.	0.	8499.48	.289	814.6	1570.5	1565.1	765.9	.1	.9	.0096	.062	.062	5	45.4
2111	10.416	.005	3	0	8476.	0.	8476.42	.289	814.7	1570.5	1565.1	766.1	.1	.9	.0096	.062	.062	5	45.4
2112	10.422	.005	3	0	8454.	0.	8453.60	.288	814.8	1570.5	1565.1	766.2	.1	.9	.0096	.061	.062	5	45.4
2113	10.427	.005	3	0	8435.	0.	8435.07	.287	814.9	1570.5	1565.1	766.3	.1	.9	.0096	.061	.060	5	45.4
2114	10.432	.005	3	0	8412.	0.	8411.92	.286	815.1	1570.5	1565.1	766.4	.1	.9	.0096	.061	.060	5	45.4
2115	10.438	.005	3	0	8389.	0.	8388.76	.286	815.2	1570.5	1565.1	766.5	.1	.9	.0096	.061	.060	5	45.4
2116	10.443	.005	3	0	8366.	0.	8365.56	.285	815.3	1570.5	1565.1	766.7	.1	.9	.0096	.061	.060	5	45.4
2117	10.448	.005	3	0	8342.	0.	8342.34	.284	815.4	1570.5	1565.1	766.8	.1	.9	.0096	.061	.060	5	45.4

2118	10.454	.005	3	0	8319.	0.	8319.11	.283	815.5	1570.5	1565.1	766.9	.1	.9	.0096	.061	.060	5	45.4
2119	10.459	.005	3	0	8296.	0.	8295.83	.283	815.7	1570.5	1565.1	767.0	.1	.9	.0096	.059	.060	5	45.4
2120	10.465	.005	3	0	8273.	0.	8272.79	.282	815.8	1570.5	1565.1	767.1	.1	.9	.0096	.059	.059	5	45.4
2121	10.470	.005	3	0	8254.	0.	8254.11	.281	815.9	1570.5	1565.1	767.3	.1	.9	.0096	.059	.059	5	45.4

KTT= 0 I= 2121 T= 10.47

OUTPUT SUMMARY

QBP	MAX OUTFLOW(CFS) THRU BREACH	82570.
TP	TIME(HR) AT WHICH PEAK OUTFLOW OCCURS	5.74
QP	MAX TOTAL OUTFLOW(CFS) OCCURRING AT TIME TP	82570.
TRS	DURATION(HR) OF RISING LIMB OF HYDROGRAPH	5.41
TB	TIME(HR) AT WHICH SIGN. RISE IN OUTFLOW STARTS	.00
BRD	FINAL DEPTH(FT) OF BREACH	24.00
BRW	FINAL TOP WIDTH(FT) OF BREACH AT PEAK BREACH FLOW	440.36
HU	ELEV(FT) OF TOP OF DAM	1589.10
HY	FINAL ELEV(FT) OF RESERVOIR WATER SURFACE	1570.54
HC	FINAL ELEV(FT) OF BOTTOM OF BREACH	1565.100
AGL	ACUTE ANGLE THAT BREACH SIDE MAKES WITH VERTICAL AT QBP	45.375
QO	OUTFLOW (CFS) AT T=0.0	26.9976
Z	SIDE SLOPE OF BREACH (FT/FT) AT PEAK BREACH FLOW	1.01
TFH	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY USING SIMPLIFIED DAM-BREAK DISCHARGE EQUATION	.40
TFHI	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY INTEGRATING QB VS TIME FROM T=0 TO T=TP	3.43
BO	BOTTOM WIDTH (FT) OF BREACH AT PEAK BREACH FLOW	391.73

1

OTIME	.0	9000.0	18000.0	27000.0	36000.0	45000.0	54000.0	63000.0	72000.0	81000.0	90000.0	DISCHARGE
.000*												0.
.050*												95.
.100*												201.
.150*												325.
.200.*												457.
.250.*												595.
.300.*												737.
.350.*												881.
.400.*												1047.
.450.*												1198.
.500.*												1349.
.550. *												1502.
.600. *												1655.
.650. *												1809.
.700. *												1963.
.750. *												2117.
.800. *												2271.
.850. *												2426.
.900. *												2581.
.950. *												3218.
1.000. *												3791.
1.050. *												3778.
1.100. *												4961.
1.150. *												5117.
1.200. *												5311.
1.250. *												5513.

1.300.	5722.
1.350.	5938.
1.400.	6161.
1.450.	6392.
1.500.	6632.
1.550.	6879.
1.600.	7134.
1.650.	7398.
1.700.	7670.
1.750.	7951.
1.800.	8241.
1.850.	8539.
1.900.	8847.
1.950.	9163.
2.000.	9489.
2.050.	9824.
2.100.	10167.
2.150.	10520.
2.200.	10882.
2.250.	11253.
2.300.	11633.
2.350.	12021.
2.400.	12392.
2.450.	12633.
2.500.	12903.
2.550.	13209.
2.600.	13493.
2.650.	13821.
2.700.	14152.
2.750.	14486.
2.800.	14823.
2.850.	15163.
2.900.	15505.
2.950.	15849.
3.000.	16194.
3.050.	16540.
3.100.	16887.
3.150.	17234.
3.200.	17581.
3.250.	17940.
3.300.	18331.
3.350.	18757.
3.400.	19218.
3.450.	19718.
3.500.	20258.
3.550.	20840.
3.600.	21468.
3.650.	22141.
3.700.	22864.
3.750.	23641.
3.800.	24475.
3.850.	25370.
3.900.	26327.
3.950.	27350.
4.000.	28441.
4.050.	29603.
4.100.	30838.
4.150.	32149.
4.200.	33539.
4.250.	35010.

4.300.	36565.
4.350.	38207.
4.400.	39938.
4.450.	41865.
4.500.	44044.
4.550.	46259.
4.600.	48460.
4.650.	50644.
4.700.	52808.
4.750.	54949.
4.800.	57061.
4.850.	59142.
4.900.	61187.
4.950.	63190.
5.000.	65146.
5.050.	67047.
5.100.	68889.
5.150.	70645.
5.200.	72287.
5.250.	73806.
5.300.	75194.
5.350.	76446.
5.400.	77634.
5.450.	78905.
5.500.	80029.
5.550.	80975.
5.600.	81707.
5.650.	82221.
5.700.	82506.
5.750.	82563.
5.800.	82389.
5.850.	81985.
5.900.	81356.
5.950.	80507.
6.000.	79446.
6.050.	78185.
6.100.	76739.
6.150.	75121.
6.200.	73345.
6.250.	71431.
6.300.	69410.
6.350.	67324.
6.400.	65146.
6.450.	62913.
6.500.	60572.
6.550.	58084.
6.600.	55793.
6.650.	53354.
6.700.	50520.
6.750.	48370.
6.800.	46101.
6.850.	42882.
6.900.	41037.
6.950.	39205.
7.000.	36067.
7.050.	33794.
7.100.	32392.
7.150.	31012.
7.200.	28061.
7.250.	25831.

```
7.300.          .         .         *.        .         .         .         .         .         .         .         .         25343.
7.350.          .         .         *.        .         .         .         .         .         .         .         .         24880.
7.400.          .         .        *.         .         .         .         .         .         .         .         .         24443.
7.450.          .         .        *.         .         .         .         .         .         .         .         .         24028.
7.500.          .         .       *.          .         .         .         .         .         .         .         .         23632.
7.550.          .         .       *.          .         .         .         .         .         .         .         .         23209.
7.600.          .         .      *            .         .         .         .         .         .         .         .         21970.
7.650.          .         .     *             .         .         .         .         .         .         .         .         21123.
7.700.          .         .     *             .         .         .         .         .         .         .         .         20544.
7.750.          .         .    *              .         .         .         .         .         .         .         .         20125.
7.800.          .         .    *              .         .         .         .         .         .         .         .         19799.
7.850.          .         .    *              .         .         .         .         .         .         .         .         19524.
7.900.          .         .   *               .         .         .         .         .         .         .         .         19276.
7.950.          .         .   *               .         .         .         .         .         .         .         .         19043.
8.000.          .         .   *               .         .         .         .         .         .         .         .         18815.
8.050.          .         .   *               .         .         .         .         .         .         .         .         18593.
8.100.          .         *                   .         .         .         .         .         .         .         .         18373.
8.150.          .         *                   .         .         .         .         .         .         .         .         18154.
8.200.          .         *                   .         .         .         .         .         .         .         .         17937.
8.250.          .         *                   .         .         .         .         .         .         .         .         17719.
8.300.          .        *.                   .         .         .         .         .         .         .         .         17502.
8.350.          .        *.                   .         .         .         .         .         .         .         .         17286.
8.400.          .        *.                   .         .         .         .         .         .         .         .         17069.
8.450.          .        *.                   .         .         .         .         .         .         .         .         16852.
8.500.          .       *.                    .         .         .         .         .         .         .         .         16636.
8.550.          .       *.                    .         .         .         .         .         .         .         .         16422.
8.600.          .       *.                    .         .         .         .         .         .         .         .         16207.
8.650.          .       *.                    .         .         .         .         .         .         .         .         15991.
8.700.          .       *.                    .         .         .         .         .         .         .         .         15775.
8.750.          .      *.                     .         .         .         .         .         .         .         .         15562.
8.800.          .      *.                     .         .         .         .         .         .         .         .         15345.
8.850.          .      *.                     .         .         .         .         .         .         .         .         15132.
8.900.          .      *.                     .         .         .         .         .         .         .         .         14917.
8.950.          .     *.                      .         .         .         .         .         .         .         .         14705.
9.000.          .     *.                      .         .         .         .         .         .         .         .         14490.
9.050.          .     *.                      .         .         .         .         .         .         .         .         14278.
9.100.          .     *.                      .         .         .         .         .         .         .         .         14064.
9.150.          .    *.                       .         .         .         .         .         .         .         .         13850.
9.200.          .    *.                       .         .         .         .         .         .         .         .         13636.
9.250.          .    *.                       .         .         .         .         .         .         .         .         13423.
9.300.          .    *.                       .         .         .         .         .         .         .         .         13211.
9.350.          .   *.                        .         .         .         .         .         .         .         .         12996.
9.400.          .   *.                        .         .         .         .         .         .         .         .         12785.
9.450.          .   *.                        .         .         .         .         .         .         .         .         12572.
9.500.          .   *.                        .         .         .         .         .         .         .         .         12359.
9.550.          .  *.                         .         .         .         .         .         .         .         .         12148.
9.600.          .  *.                         .         .         .         .         .         .         .         .         11934.
9.650.          .  *.                         .         .         .         .         .         .         .         .         11720.
9.700.          .  *.                         .         .         .         .         .         .         .         .         11509.
9.750.          .  *.                         .         .         .         .         .         .         .         .         11299.
9.800.          . *.                          .         .         .         .         .         .         .         .         11086.
9.850.          . *.                          .         .         .         .         .         .         .         .         10874.
9.900.          . *.                          .         .         .         .         .         .         .         .         10663.
9.950.          . *.                          .         .         .         .         .         .         .         .         10452.
10.000.         .*.                           .         .         .         .         .         .         .         .         10239.
10.050.         .*.                           .         .         .         .         .         .         .         .         10027.
10.100.         .*.                           .         .         .         .         .         .         .         .         9814.
10.150.         .*.                           .         .         .         .         .         .         .         .         9602.
10.200.         *.                            .         .         .         .         .         .         .         .         9393.
10.250.         *.                            .         .         .         .         .         .         .         .         9181.
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10.300.    *     .     .     .     .     .     .     .     .     .     8971.
10.350.    *     .     .     .     .     .     .     .     .     .     8759.
10.400.    *.    .     .     .     .     .     .     .     .     .     8547.
10.450.    *.    .     .     .     .     .     .     .     .     .     8336.
10.500.    *.    .     .     .     .     .     .     .     .     .     8120.
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BRROD.OR1 - Rittenhouse
Overtopping Failure

OVERTOPPING FAILURE - RITTENHOUSE FRS - JMM - 8/25/89 (BRROD.OR1)

HI= 1597.60 HU= 1602.30 HL= 1582.30 HPI= .00 HSP= 1597.60 PI= .0 CA= .000 CB= .00

(QIN(I),I=1,8)
.00 3520.00 11401.00 33558.00 36420.00 46765.00 9253.00 .00

(TIN(I),I=1,8)
.00 3.30 3.90 5.20 6.20 7.30 10.30 12.40

(RSA(I),I=1,8)
1000.00 800.00 600.00 400.00 200.00 118.00 .00 .00

(HSA(I),I=1,8)
1605.00 1600.50 1596.50 1592.90 1589.10 1587.50 1582.30 .00

(HSTW(I),I=1,8)
1582.30 1583.30 1605.00 .00 .00 .00 .00 .00

(BSTW(I),I=1,8)
.00 3000.00 3000.00 .00 .00 .00 .00 .00

(CMTW(I),I=1,8)
.06 .06 .05 .00 .00 .00 .00 .00

ZU= 3.00 ZD= 2.00 ZC= .00 GL= .00 GS= .00 VMP= .00

D50C= .00 PORC= .00 UWC= .00 CNC= .0000 AFRC= .00 COHC= .0 UNFCC= .00

D50S= .08 PORS= .32 UWS=116.00 CNS= .0000 AFRS= 25.00 COHS= 100.0 UNFCS= 10.00

BR= 2.00 WC= 14.0 CRL=19008.0 SM= 31.68 D50DF= .00 UNFCDF= .00 BMX= 2000.

DTH= .020 DBG= .001 H= 1.0000 TEH= 12.4 ERR= .01 FPT= 10.0 TPR= .0

(SPQ(I),I=1,8)
.00 2000.00 5000.00 10000.00 15000.00 20000.00 25000.00 .00

(SPH(I),I=1,8)
.00 1.07 1.98 3.14 4.11 4.98 5.78 .00

1

AFR= .0 TH1= 57.50 H1= 5.41 TH2= 41.25 H2= 16.83 TH3= 33.13 H3= 51.58

1

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1	.020	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
2	.040	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
3	.060	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
4	.080	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
5	.100	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
6	.120	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
7	.140	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0

8	.160	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
9	.180	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
10	.200	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
11	.220	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
12	.240	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
13	.260	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
14	.280	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
15	.300	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
16	.320	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
17	.340	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
18	.360	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
19	.380	.020	1	0	0.	0.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
20	.400	.020	1	0	19.	19.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
21	.420	.020	1	0	21.	21.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
22	.440	.020	1	0	23.	23.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
23	.460	.020	1	0	25.	25.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
24	.480	.020	1	0	27.	27.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
25	.500	.020	1	0	30.	30.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
26	.520	.020	1	0	32.	32.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
27	.540	.020	1	0	34.	34.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
28	.560	.020	1	0	37.	37.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
29	.580	.020	1	0	40.	40.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
30	.600	.020	1	0	42.	42.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
31	.620	.020	1	0	45.	45.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
32	.640	.020	1	0	48.	48.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
33	.660	.020	1	0	51.	51.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
34	.680	.020	1	0	54.	54.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
35	.700	.020	1	0	57.	57.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
36	.720	.020	1	0	60.	60.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
37	.740	.020	1	0	64.	64.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
38	.760	.020	1	0	67.	67.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
39	.780	.020	1	0	71.	71.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
40	.800	.020	1	0	74.	74.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
41	.820	.020	1	0	78.	78.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
42	.840	.020	1	0	82.	82.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
43	.860	.020	1	0	86.	86.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
44	.880	.020	1	0	89.	89.	.00	1.000	.0	1597.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
45	.900	.020	1	0	94.	94.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
46	.920	.020	1	0	98.	98.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
47	.940	.020	1	0	102.	102.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
48	.960	.020	1	0	106.	106.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
49	.980	.020	1	0	110.	110.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
50	1.000	.020	1	0	115.	115.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
51	1.020	.020	1	0	119.	119.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
52	1.040	.020	1	0	124.	124.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
53	1.060	.020	1	0	128.	128.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
54	1.080	.020	1	0	133.	133.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
55	1.100	.020	1	0	138.	138.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
56	1.120	.020	1	0	143.	143.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
57	1.140	.020	1	0	148.	148.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
58	1.160	.020	1	0	153.	153.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
59	1.180	.020	1	0	158.	158.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
60	1.200	.020	1	0	163.	163.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
61	1.220	.020	1	0	168.	168.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
62	1.240	.020	1	0	173.	173.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
63	1.260	.020	1	0	179.	179.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
64	1.280	.020	1	0	184.	184.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
65	1.300	.020	1	0	190.	190.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
66	1.320	.020	1	0	195.	195.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
67	1.340	.020	1	0	201.	201.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0

68	1.360	.020	1	0	207.	207.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
69	1.380	.020	1	0	213.	213.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
70	1.400	.020	1	0	219.	219.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
71	1.420	.020	1	0	225.	225.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
72	1.440	.020	1	0	230.	230.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
73	1.460	.020	1	0	237.	237.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
74	1.480	.020	1	0	243.	243.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
75	1.500	.020	1	0	249.	249.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
76	1.520	.020	1	0	255.	255.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
77	1.540	.020	1	0	262.	262.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
78	1.560	.020	1	0	268.	268.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
79	1.580	.020	1	0	275.	275.	.00	1.000	.0	1597.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
80	1.600	.020	1	0	281.	281.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
81	1.620	.020	1	0	288.	288.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
82	1.640	.020	1	0	295.	295.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
83	1.660	.020	1	0	301.	301.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
84	1.680	.020	1	0	308.	308.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
85	1.700	.020	1	0	315.	315.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
86	1.720	.020	1	0	322.	322.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
87	1.740	.020	1	0	329.	329.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
88	1.760	.020	1	0	336.	336.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
89	1.780	.020	1	0	343.	343.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
90	1.800	.020	1	0	351.	351.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
91	1.820	.020	1	0	358.	358.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
92	1.840	.020	1	0	365.	365.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
93	1.860	.020	1	0	373.	373.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
94	1.880	.020	1	0	380.	380.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
95	1.900	.020	1	0	388.	388.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
96	1.920	.020	1	0	395.	395.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
97	1.940	.020	1	0	403.	403.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
98	1.960	.020	1	0	411.	411.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
99	1.980	.020	1	0	418.	418.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
100	2.000	.020	1	0	426.	426.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
101	2.020	.020	1	0	434.	434.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
102	2.040	.020	1	0	442.	442.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
103	2.060	.020	1	0	450.	450.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
104	2.080	.020	1	0	458.	458.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
105	2.100	.020	1	0	467.	467.	.00	1.000	.0	1597.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
106	2.120	.020	1	0	475.	475.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
107	2.140	.020	1	0	483.	483.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
108	2.160	.020	1	0	491.	491.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
109	2.180	.020	1	0	500.	500.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
110	2.200	.020	1	0	508.	508.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
111	2.220	.020	1	0	517.	517.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
112	2.240	.020	1	0	525.	525.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
113	2.260	.020	1	0	534.	534.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
114	2.280	.020	1	0	542.	542.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
115	2.300	.020	1	0	551.	551.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
116	2.320	.020	1	0	560.	560.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
117	2.340	.020	1	0	569.	569.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
118	2.360	.020	1	0	578.	578.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
119	2.380	.020	1	0	587.	587.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
120	2.400	.020	1	0	596.	596.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
121	2.420	.020	1	0	605.	605.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
122	2.440	.020	1	0	614.	614.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
123	2.460	.020	1	0	623.	623.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
124	2.480	.020	1	0	632.	632.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
125	2.500	.020	1	0	641.	641.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
126	2.520	.020	1	0	651.	651.	.00	1.000	.0	1597.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
127	2.540	.020	1	0	660.	660.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0

128	2.560	.020	1	0	669.	669.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
129	2.580	.020	1	0	679.	679.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
130	2.600	.020	1	0	688.	688.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
131	2.620	.020	1	0	698.	698.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
132	2.640	.020	1	0	708.	708.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
133	2.660	.020	1	0	717.	717.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
134	2.680	.020	1	0	727.	727.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
135	2.700	.020	1	0	737.	737.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
136	2.720	.020	1	0	747.	747.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
137	2.740	.020	1	0	756.	756.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
138	2.760	.020	1	0	766.	766.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
139	2.780	.020	1	0	776.	776.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
140	2.800	.020	1	0	786.	786.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
141	2.820	.020	1	0	796.	796.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
142	2.840	.020	1	0	806.	806.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
143	2.860	.020	1	0	817.	817.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
144	2.880	.020	1	0	827.	827.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
145	2.900	.020	1	0	837.	837.	.00	1.000	.0	1598.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
146	2.920	.020	1	0	847.	847.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
147	2.940	.020	1	0	858.	858.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
148	2.960	.020	1	0	868.	868.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
149	2.980	.020	1	0	878.	878.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
150	3.000	.020	1	0	889.	889.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
151	3.020	.020	1	0	899.	899.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
152	3.040	.020	1	0	910.	910.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
153	3.060	.020	1	0	921.	921.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
154	3.080	.020	1	0	931.	931.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
155	3.100	.020	1	0	942.	942.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
156	3.120	.020	1	0	953.	953.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
157	3.140	.020	1	0	964.	964.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
158	3.160	.020	1	0	974.	974.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
159	3.180	.020	1	0	985.	985.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
160	3.200	.020	1	0	996.	996.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
161	3.220	.020	1	0	1007.	1007.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
162	3.240	.020	1	0	1018.	1018.	.00	1.000	.0	1598.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
163	3.260	.020	1	0	1029.	1029.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
164	3.280	.020	1	0	1040.	1040.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
165	3.300	.020	1	0	1051.	1051.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
166	3.320	.020	1	0	1062.	1062.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
167	3.340	.020	1	0	1075.	1075.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
168	3.360	.020	1	0	1088.	1088.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
169	3.380	.020	1	0	1103.	1103.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
170	3.400	.020	1	0	1118.	1118.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
171	3.420	.020	1	0	1135.	1135.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
172	3.440	.020	1	0	1153.	1153.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
173	3.460	.020	1	0	1172.	1172.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
174	3.480	.020	1	0	1192.	1192.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
175	3.500	.020	1	0	1213.	1213.	.00	1.000	.0	1598.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
176	3.520	.020	1	0	1235.	1235.	.00	1.000	.0	1598.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
177	3.540	.020	1	0	1259.	1259.	.00	1.000	.0	1598.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
178	3.560	.020	1	0	1283.	1283.	.00	1.000	.0	1598.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
179	3.580	.020	1	0	1308.	1308.	.00	1.000	.0	1598.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
180	3.600	.020	1	0	1335.	1335.	.00	1.000	.0	1598.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
181	3.620	.020	1	0	1362.	1362.	.00	1.000	.0	1598.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
182	3.640	.020	1	0	1390.	1390.	.00	1.000	.0	1598.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
183	3.660	.020	1	0	1420.	1420.	.00	1.000	.0	1598.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
184	3.680	.020	1	0	1450.	1450.	.00	1.000	.0	1598.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
185	3.700	.020	1	0	1482.	1482.	.00	1.000	.0	1598.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
186	3.720	.020	1	0	1514.	1514.	.00	1.000	.0	1598.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
187	3.740	.020	1	0	1547.	1547.	.00	1.000	.0	1598.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0

188	3.760	.020	1	0	1582.	1582.	.00	1.000	.0	1598.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
189	3.780	.020	1	0	1617.	1617.	.00	1.000	.0	1598.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
190	3.800	.020	1	0	1653.	1653.	.00	1.000	.0	1598.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
191	3.820	.020	1	0	1691.	1691.	.00	1.000	.0	1598.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
192	3.840	.020	1	0	1729.	1729.	.00	1.000	.0	1598.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
193	3.860	.020	1	0	1768.	1768.	.00	1.000	.0	1598.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
194	3.880	.020	1	0	1808.	1808.	.00	1.000	.0	1598.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
195	3.900	.020	1	0	1849.	1849.	.00	1.000	.0	1598.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
196	3.920	.020	1	0	1891.	1891.	.00	1.000	.0	1598.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
197	3.940	.020	1	0	1934.	1934.	.00	1.000	.0	1598.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
198	3.960	.020	1	0	1978.	1978.	.00	1.000	.0	1598.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
199	3.980	.020	1	0	2042.	2042.	.00	1.000	.0	1598.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
200	4.000	.020	1	0	2124.	2124.	.00	1.000	.0	1598.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
201	4.020	.020	1	0	2209.	2209.	.00	1.000	.0	1598.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
202	4.040	.020	1	0	2294.	2294.	.00	1.000	.0	1598.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
203	4.060	.020	1	0	2382.	2382.	.00	1.000	.0	1598.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
204	4.080	.020	1	0	2472.	2472.	.00	1.000	.0	1598.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
205	4.100	.020	1	0	2563.	2563.	.00	1.000	.0	1598.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
206	4.120	.020	1	0	2656.	2656.	.00	1.000	.0	1598.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
207	4.140	.020	1	0	2751.	2751.	.00	1.000	.0	1598.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
208	4.160	.020	1	0	2847.	2847.	.00	1.000	.0	1598.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
209	4.180	.020	1	0	2945.	2945.	.00	1.000	.0	1599.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
210	4.200	.020	1	0	3045.	3045.	.00	1.000	.0	1599.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
211	4.220	.020	1	0	3146.	3146.	.00	1.000	.0	1599.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
212	4.240	.020	1	0	3249.	3249.	.00	1.000	.0	1599.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
213	4.260	.020	1	0	3353.	3353.	.00	1.000	.0	1599.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
214	4.280	.020	1	0	3459.	3459.	.00	1.000	.0	1599.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
215	4.300	.020	1	0	3566.	3566.	.00	1.000	.0	1599.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
216	4.320	.020	1	0	3675.	3675.	.00	1.000	.0	1599.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
217	4.340	.020	1	0	3785.	3785.	.00	1.000	.0	1599.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
218	4.360	.020	1	0	3897.	3897.	.00	1.000	.0	1599.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
219	4.380	.020	1	0	4011.	4011.	.00	1.000	.0	1599.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
220	4.400	.020	1	0	4125.	4125.	.00	1.000	.0	1599.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
221	4.420	.020	1	0	4241.	4241.	.00	1.000	.0	1599.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
222	4.440	.020	1	0	4359.	4359.	.00	1.000	.0	1599.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
223	4.460	.020	1	0	4478.	4478.	.00	1.000	.0	1599.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
224	4.480	.020	1	0	4598.	4598.	.00	1.000	.0	1599.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
225	4.500	.020	1	0	4719.	4719.	.00	1.000	.0	1599.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
226	4.520	.020	1	0	4842.	4842.	.00	1.000	.0	1599.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
227	4.540	.020	1	0	4966.	4966.	.00	1.000	.0	1599.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
228	4.560	.020	1	0	5119.	5119.	.00	1.000	.0	1599.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
229	4.580	.020	1	0	5285.	5285.	.00	1.000	.0	1599.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
230	4.600	.020	1	0	5451.	5451.	.00	1.000	.0	1599.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
231	4.620	.020	1	0	5618.	5618.	.00	1.000	.0	1599.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
232	4.640	.020	1	0	5787.	5787.	.00	1.000	.0	1599.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
233	4.660	.020	1	0	5957.	5957.	.00	1.000	.0	1599.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
234	4.680	.020	1	0	6128.	6128.	.00	1.000	.0	1599.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
235	4.700	.020	1	0	6300.	6300.	.00	1.000	.0	1599.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
236	4.720	.020	1	0	6474.	6474.	.00	1.000	.0	1599.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
237	4.740	.020	1	0	6648.	6648.	.00	1.000	.0	1600.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
238	4.760	.020	1	0	6824.	6824.	.00	1.000	.0	1600.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
239	4.780	.020	1	0	7000.	7000.	.00	1.000	.0	1600.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
240	4.800	.020	1	0	7178.	7178.	.00	1.000	.0	1600.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
241	4.820	.020	1	0	7356.	7356.	.00	1.000	.0	1600.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
242	4.840	.020	1	0	7536.	7536.	.00	1.000	.0	1600.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
243	4.860	.020	1	0	7717.	7717.	.00	1.000	.0	1600.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
244	4.880	.020	1	0	7898.	7898.	.00	1.000	.0	1600.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
245	4.900	.020	1	0	8081.	8081.	.00	1.000	.0	1600.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
246	4.920	.020	1	0	8264.	8264.	.00	1.000	.0	1600.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
247	4.940	.020	1	0	8448.	8448.	.00	1.000	.0	1600.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0

248	4.960	.020	1	0	8634.	8634.	.00	1.000	.0	1600.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
249	4.980	.020	1	0	8820.	8820.	.00	1.000	.0	1600.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
250	5.000	.020	1	0	9007.	9007.	.00	1.000	.0	1600.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
251	5.020	.020	1	0	9195.	9195.	.00	1.000	.0	1600.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
252	5.040	.020	1	0	9384.	9384.	.00	1.000	.0	1600.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
253	5.060	.020	1	0	9573.	9573.	.00	1.000	.0	1600.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
254	5.080	.020	1	0	9764.	9764.	.00	1.000	.0	1600.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
255	5.100	.020	1	0	9955.	9955.	.00	1.000	.0	1600.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
256	5.120	.020	1	0	10177.	10177.	.00	1.000	.0	1600.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
257	5.140	.020	1	0	10408.	10408.	.00	1.000	.0	1600.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
258	5.160	.020	1	0	10639.	10639.	.00	1.000	.0	1600.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
259	5.180	.020	1	0	10870.	10870.	.00	1.000	.0	1600.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
260	5.200	.020	1	0	11103.	11103.	.00	1.000	.0	1601.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
261	5.220	.020	1	0	11336.	11336.	.00	1.000	.0	1601.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
262	5.240	.020	1	0	11567.	11567.	.00	1.000	.0	1601.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
263	5.260	.020	1	0	11794.	11794.	.00	1.000	.0	1601.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
264	5.280	.020	1	0	12020.	12020.	.00	1.000	.0	1601.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
265	5.300	.020	1	0	12244.	12244.	.00	1.000	.0	1601.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
266	5.320	.020	1	0	12465.	12465.	.00	1.000	.0	1601.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
267	5.340	.020	1	0	12684.	12684.	.00	1.000	.0	1601.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
268	5.360	.020	1	0	12901.	12901.	.00	1.000	.0	1601.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
269	5.380	.020	1	0	13117.	13117.	.00	1.000	.0	1601.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
270	5.400	.020	1	0	13330.	13330.	.00	1.000	.0	1601.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
271	5.420	.020	1	0	13541.	13541.	.00	1.000	.0	1601.4	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
272	5.440	.020	1	0	13750.	13750.	.00	1.000	.0	1601.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
273	5.460	.020	1	0	13957.	13957.	.00	1.000	.0	1601.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
274	5.480	.020	1	0	14161.	14161.	.00	1.000	.0	1601.5	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
275	5.500	.020	1	0	14364.	14364.	.00	1.000	.0	1601.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
276	5.520	.020	1	0	14566.	14566.	.00	1.000	.0	1601.6	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
277	5.540	.020	1	0	14765.	14765.	.00	1.000	.0	1601.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
278	5.560	.020	1	0	14963.	14963.	.00	1.000	.0	1601.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
279	5.580	.020	1	0	15177.	15177.	.00	1.000	.0	1601.7	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
280	5.600	.020	1	0	15393.	15393.	.00	1.000	.0	1601.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
281	5.620	.020	1	0	15606.	15606.	.00	1.000	.0	1601.8	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
282	5.640	.020	1	0	15818.	15818.	.00	1.000	.0	1601.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
283	5.660	.020	1	0	16028.	16028.	.00	1.000	.0	1601.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
284	5.680	.020	1	0	16235.	16235.	.00	1.000	.0	1601.9	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
285	5.700	.020	1	0	16441.	16441.	.00	1.000	.0	1602.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
286	5.720	.020	1	0	16644.	16644.	.00	1.000	.0	1602.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
287	5.740	.020	1	0	16846.	16846.	.00	1.000	.0	1602.0	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
288	5.760	.020	1	0	17046.	17046.	.00	1.000	.0	1602.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
289	5.780	.020	1	0	17243.	17243.	.00	1.000	.0	1602.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
290	5.800	.020	1	0	17439.	17439.	.00	1.000	.0	1602.1	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
291	5.820	.020	1	0	17633.	17633.	.00	1.000	.0	1602.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
292	5.840	.020	1	0	17825.	17825.	.00	1.000	.0	1602.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
293	5.860	.020	1	0	18016.	18016.	.00	1.000	.0	1602.2	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
294	5.880	.020	1	0	18205.	18205.	.00	1.000	.0	1602.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
295	5.900	.020	1	0	18391.	18391.	.00	1.000	.0	1602.3	1602.3	.0	.0	.0	.0086	.100	.000	0	.0
296	5.920	.020	1	0	18915.	18915.	.04	1.000	2.1	1602.3	1602.3	2.1	1.0	2.3	.0086	.026	.026	2	.0
297	6.000	.080	1	0	21062.	21062.	.35	1.000	3.3	1602.4	1602.3	3.3	1.7	3.7	.0086	.629	.629	2	.0
298	6.080	.080	1	0	25403.	25403.	2.02	1.000	6.8	1602.5	1602.3	6.8	3.4	7.7	.0086	1.770	1.770	3	.0

KSLUMP= 1 HCK= 5.81 DELT= .08 DEL= 32.50

299	6.160	.080	1	0	29379.	29379.	3.32	1.000	11.2	1602.6	1602.3	6.8	3.4	7.7	.0086	.000	.000	0	32.5
300	6.240	.080	1	0	32666.	32666.	4.28	1.000	11.2	1602.6	1602.3	6.8	3.4	7.7	.0086	.000	.000	0	32.5
301	6.320	.080	1	0	34407.	34407.	11.01	1.000	25.4	1602.7	1602.3	15.5	7.8	17.3	.0086	4.333	4.334	4	32.5
302	6.322	.002	2	0	35453.	35229.	224.19	1.000	18.5	1602.7	1600.0	15.5	51.5	2.3	.0086	2.631	2.631	21	32.5
303	6.324	.002	2	0	36684.	35246.	1438.41	1.000	25.8	1602.7	1594.2	15.5	68.0	8.1	.0086	5.980	5.987	7	32.5
304	6.326	.002	3	0	42140.	35215.	6924.89	1.000	41.0	1602.7	1582.3	15.5	.0	2.7	.0086	.010	.012	11	32.5

305	6.346	.020	3	0	42003.	34934.	7069.14	1.000	41.6	1602.7	1582.3	16.1	.5	8.4	.0086	.266	.266	5	32.5
306	6.366	.020	3	0	41679.	34465.	7214.05	1.000	42.1	1602.7	1582.3	16.6	.5	8.3	.0086	.272	.272	5	32.5
307	6.386	.020	3	0	41413.	34051.	7362.25	1.000	42.6	1602.7	1582.3	17.2	.6	8.3	.0086	.277	.277	5	32.5
308	6.406	.020	3	0	41206.	33692.	7514.16	1.000	43.2	1602.7	1582.3	17.7	.6	8.2	.0086	.283	.283	5	32.5
309	6.426	.020	3	0	41049.	33379.	7669.77	1.000	43.8	1602.7	1582.3	18.3	.6	8.2	.0086	.289	.289	5	32.5
310	6.446	.020	3	0	40933.	33104.	7829.07	1.000	44.4	1602.7	1582.3	18.9	.6	8.1	.0086	.295	.295	5	32.5
311	6.466	.020	3	0	40851.	32859.	7992.03	1.000	45.0	1602.7	1582.3	19.5	.6	8.1	.0086	.301	.300	5	32.5
312	6.486	.020	3	0	40810.	32651.	8158.80	1.000	45.6	1602.7	1582.3	20.1	.6	8.0	.0086	.307	.307	5	32.5
313	6.506	.020	3	0	40795.	32466.	8329.25	1.000	46.2	1602.6	1582.3	20.7	.6	8.0	.0086	.314	.314	5	32.5
314	6.526	.020	3	0	40813.	32309.	8503.45	1.000	46.9	1602.6	1582.3	21.4	.6	7.9	.0086	.320	.320	5	32.5
315	6.546	.020	3	0	40842.	32160.	8681.43	1.000	47.5	1602.6	1582.3	22.0	.7	7.9	.0086	.327	.327	5	32.5
316	6.566	.020	3	0	40903.	32040.	8863.27	1.000	48.2	1602.6	1582.3	22.7	.7	7.9	.0086	.333	.333	5	32.5
317	6.586	.020	3	0	40976.	31927.	9049.27	1.000	48.9	1602.6	1582.3	23.4	.7	7.8	.0086	.341	.341	5	32.5
318	6.606	.020	3	0	41068.	31828.	9239.13	1.000	49.6	1602.6	1582.3	24.1	.7	7.8	.0086	.348	.348	5	32.5
319	6.626	.020	3	0	41170.	31737.	9433.28	1.000	50.3	1602.6	1582.3	24.8	.7	7.7	.0086	.355	.355	5	32.5
320	6.646	.020	3	0	41291.	31660.	9631.41	1.000	51.0	1602.6	1582.3	25.5	.7	7.7	.0086	.362	.362	5	32.5
321	6.666	.020	3	0	41424.	31590.	9833.94	1.000	51.7	1602.6	1582.3	26.3	.7	7.7	.0086	.370	.370	5	32.5
322	6.686	.020	3	0	41560.	31520.	10040.85	1.000	52.5	1602.6	1582.3	27.0	.8	7.6	.0086	.378	.378	5	32.5
323	6.706	.020	3	0	41709.	31457.	10252.31	1.000	53.3	1602.6	1582.3	27.8	.8	7.6	.0086	.386	.385	5	32.5
324	6.726	.020	3	0	41869.	31401.	10468.39	1.000	54.1	1602.6	1582.3	28.6	.8	7.6	.0086	.394	.394	5	32.5
325	6.746	.020	3	0	42040.	31352.	10688.63	1.000	54.9	1602.6	1582.3	29.4	.8	7.5	.0086	.402	.402	5	32.5
326	6.766	.020	3	0	42209.	31296.	10913.37	1.000	55.7	1602.6	1582.3	30.2	.8	7.5	.0086	.410	.410	5	32.5
327	6.786	.020	3	0	42390.	31247.	11142.91	1.000	56.5	1602.6	1582.3	31.0	.8	7.4	.0086	.419	.419	5	32.5
328	6.806	.020	3	0	42576.	31198.	11377.77	1.000	57.4	1602.6	1582.3	31.9	.9	7.4	.0086	.429	.428	5	32.5
329	6.826	.020	3	0	42767.	31149.	11617.46	1.000	58.2	1602.6	1582.3	32.8	.9	7.4	.0086	.437	.438	5	32.5
330	6.846	.020	3	0	42963.	31100.	11862.05	1.000	59.1	1602.6	1582.3	33.7	.9	7.4	.0086	.446	.447	5	32.5
331	6.866	.020	3	0	43163.	31052.	12111.59	1.000	60.1	1602.6	1582.3	34.6	.9	7.3	.0086	.456	.456	5	32.5
332	6.886	.020	3	0	43370.	31003.	12366.79	1.000	61.0	1602.6	1582.3	35.5	.9	7.3	.0086	.466	.465	5	32.5
333	6.906	.020	3	0	43575.	30948.	12626.97	1.000	61.9	1602.6	1582.3	36.5	1.0	7.3	.0086	.475	.475	5	32.5
334	6.926	.020	3	0	43792.	30899.	12892.46	1.000	62.9	1602.6	1582.3	37.4	1.0	7.2	.0086	.485	.485	5	32.5
335	6.946	.020	3	0	44001.	30837.	13163.57	1.000	63.9	1602.6	1582.3	38.4	1.0	7.2	.0086	.495	.496	5	32.5
336	6.966	.020	3	0	44223.	30782.	13440.80	1.000	64.9	1602.6	1582.3	39.4	1.0	7.2	.0086	.506	.505	5	32.5
337	6.986	.020	3	0	44443.	30720.	13723.30	1.000	65.9	1602.6	1582.3	40.5	1.0	7.2	.0086	.516	.517	5	32.5
338	7.006	.020	3	0	44663.	30651.	14011.82	1.000	67.0	1602.6	1582.3	41.5	1.1	7.1	.0086	.528	.528	5	32.5
339	7.026	.020	3	0	44888.	30583.	14305.91	1.000	68.1	1602.6	1582.3	42.6	1.1	7.1	.0086	.538	.538	5	32.5
340	7.046	.020	3	0	45120.	30514.	14606.32	1.000	69.2	1602.6	1582.3	43.7	1.1	7.1	.0086	.549	.550	5	32.5
341	7.066	.020	3	0	45345.	30432.	14912.87	1.000	70.3	1602.6	1582.3	44.8	1.1	7.1	.0086	.561	.562	5	32.5
342	7.086	.020	3	0	45576.	30350.	15225.96	1.000	71.4	1602.6	1582.3	46.0	1.1	7.1	.0086	.573	.574	5	32.5
343	7.106	.020	3	0	45815.	30269.	15545.70	1.000	72.6	1602.6	1582.3	47.1	1.2	7.0	.0086	.586	.584	5	32.5
344	7.126	.020	3	0	46053.	30181.	15872.04	1.000	73.8	1602.6	1582.3	48.3	1.2	7.0	.0086	.598	.597	5	32.5
345	7.146	.020	3	0	46291.	30086.	16205.07	1.000	75.0	1602.6	1582.3	49.5	1.2	7.0	.0086	.611	.609	5	32.5
346	7.166	.020	3	0	46530.	29985.	16544.89	1.000	76.3	1602.6	1582.3	50.8	1.2	7.0	.0086	.623	.622	5	32.5
347	7.186	.020	3	0	46769.	29877.	16891.61	1.000	77.5	1602.6	1582.3	52.1	1.3	6.9	.0086	.637	.635	5	32.5
348	7.206	.020	3	0	47016.	29770.	17245.48	1.000	78.8	1602.6	1582.3	53.4	1.3	6.9	.0086	.650	.648	5	32.5
349	7.226	.020	3	0	47263.	29657.	17606.46	1.000	80.2	1602.6	1582.3	54.7	1.3	6.9	.0086	.663	.663	5	32.5
350	7.246	.020	3	0	47512.	29537.	17974.63	1.000	81.5	1602.6	1582.3	56.0	1.4	6.9	.0086	.677	.677	5	32.5
351	7.266	.020	3	0	47761.	29411.	18350.10	1.000	82.9	1602.6	1582.3	57.4	1.4	6.9	.0086	.691	.691	5	32.5
352	7.286	.020	3	0	48012.	29279.	18732.97	1.000	84.3	1602.6	1582.3	58.8	1.4	6.8	.0086	.705	.705	5	32.5
353	7.306	.020	3	0	48257.	29134.	19123.17	1.000	85.8	1602.6	1582.3	60.3	1.4	6.8	.0086	.719	.719	5	32.5
354	7.326	.020	3	0	48492.	28971.	19521.54	1.000	87.2	1602.6	1582.3	61.7	1.5	6.8	.0086	.735	.735	5	32.5
355	7.346	.020	3	0	48696.	28769.	19926.67	1.000	88.7	1602.6	1582.3	63.2	1.5	6.8	.0086	.750	.749	5	32.5

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
356	7.366	.020	3	0	48870.	28532.	20338.56	1.000	90.3	1602.6	1582.3	64.8	1.5	6.8	.0086	.765	.764	5	32.5
357	7.386	.020	3	0	49003.	28246.	20756.89	1.000	91.8	1602.6	1582.3	66.3	1.6	6.8	.0086	.780	.780	5	32.5
358	7.406	.020	3	0	49115.	27933.	21182.27	1.000	93.4	1602.6	1582.3	67.9	1.6	6.7	.0086	.796	.799	5	32.5
359	7.426	.020	3	0	49202.	27585.	21616.68	1.000	95.0	1602.6	1582.3	69.6	1.6	6.7	.0086	.815	.815	5	32.5

360	7.446	.020	3	0	49269.	27211.	22058.37	1.000	96.7	1602.6	1582.3	71.2	1.7	6.7	.0086	.831	.831	5 32.5
361	7.466	.020	3	0	49325.	26818.	22507.57	1.000	98.4	1602.5	1582.3	72.9	1.7	6.7	.0086	.848	.847	5 32.5
362	7.486	.020	3	0	49359.	26395.	22963.87	1.000	100.1	1602.5	1582.3	74.6	1.7	6.7	.0086	.864	.863	5 32.5
363	7.506	.020	3	0	49383.	25956.	23427.78	1.000	101.9	1602.5	1582.3	76.4	1.8	6.7	.0086	.881	.880	5 32.5
364	7.526	.020	3	0	49401.	25502.	23899.33	1.000	103.7	1602.5	1582.3	78.2	1.8	6.6	.0086	.898	.901	5 32.5
365	7.546	.020	3	0	49415.	25034.	24380.99	1.000	105.5	1602.5	1582.3	80.0	1.8	6.6	.0086	.919	.919	5 32.5
366	7.566	.020	3	0	49425.	24555.	24870.54	1.000	107.4	1602.5	1582.3	81.9	1.9	6.6	.0086	.937	.936	5 32.5
367	7.586	.020	3	0	49434.	24066.	25368.00	1.000	109.3	1602.5	1582.3	83.8	1.9	6.6	.0086	.955	.954	5 32.5
368	7.606	.020	3	0	49442.	23569.	25873.40	1.000	111.2	1602.5	1582.3	85.8	1.9	6.6	.0086	.973	.972	5 32.5
369	7.626	.020	3	0	49447.	23061.	26386.54	1.000	113.2	1602.5	1582.3	87.7	2.0	6.6	.0086	.991	.995	5 32.5
370	7.646	.020	3	0	49466.	22555.	26910.66	1.000	115.3	1602.4	1582.3	89.8	2.0	6.6	.0086	1.014	1.014	5 32.5
371	7.666	.020	3	0	49492.	22049.	27442.96	1.000	117.3	1602.4	1582.3	91.8	2.1	6.5	.0086	1.033	1.032	5 32.5
372	7.686	.020	3	0	49525.	21541.	27983.21	1.000	119.4	1602.4	1582.3	93.9	2.1	6.5	.0086	1.052	1.052	5 32.5
373	7.706	.020	3	0	49572.	21040.	28531.72	1.000	121.6	1602.4	1582.3	96.1	2.1	6.5	.0086	1.072	1.076	5 32.5
374	7.726	.020	3	0	49638.	20547.	29091.07	1.000	123.8	1602.4	1582.3	98.3	2.2	6.5	.0086	1.097	1.096	5 32.5
375	7.746	.020	3	0	49725.	20067.	29658.61	1.000	126.0	1602.4	1582.3	100.5	2.2	6.5	.0086	1.117	1.116	5 32.5
376	7.766	.020	3	0	49842.	19608.	30234.29	1.000	128.3	1602.4	1582.3	102.8	2.3	6.5	.0086	1.137	1.136	5 32.5
377	7.786	.020	3	0	49998.	19180.	30818.14	1.000	130.6	1602.3	1582.3	105.1	2.3	6.4	.0086	1.158	1.163	5 32.5
378	7.806	.020	3	0	50203.	18791.	31412.30	1.000	133.0	1602.3	1582.3	107.5	2.4	6.4	.0086	1.184	1.184	5 32.5
379	7.826	.020	3	0	50493.	18478.	32014.47	1.000	135.4	1602.3	1582.3	109.9	2.4	6.4	.0086	1.206	1.205	5 32.5
380	7.846	.020	3	0	50949.	18325.	32623.63	1.000	137.8	1602.3	1582.3	112.3	2.5	6.4	.0086	1.227	1.226	5 32.5
381	7.866	.020	3	0	51445.	18206.	33239.07	1.000	140.3	1602.3	1582.3	114.8	2.5	6.4	.0086	1.249	1.248	5 32.5
382	7.886	.020	3	0	51943.	18079.	33863.96	1.000	142.9	1602.2	1582.3	117.4	2.6	6.4	.0086	1.277	1.277	5 32.5
383	7.906	.020	3	0	52438.	17944.	34494.75	1.000	145.5	1602.2	1582.3	120.0	2.6	6.4	.0086	1.300	1.299	5 32.5
384	7.926	.020	3	0	52931.	17800.	35131.23	1.000	148.1	1602.2	1582.3	122.6	2.6	6.4	.0086	1.323	1.322	5 32.5
385	7.946	.020	3	0	53421.	17648.	35773.23	1.000	150.8	1602.2	1582.3	125.3	2.7	6.3	.0086	1.346	1.345	5 32.5
386	7.966	.020	3	0	53909.	17488.	36420.96	1.000	153.5	1602.1	1582.3	128.1	2.7	6.3	.0086	1.369	1.368	5 32.5
387	7.986	.020	3	0	54393.	17319.	37073.91	1.000	156.3	1602.1	1582.3	130.9	2.8	6.3	.0086	1.393	1.399	5 32.5
388	8.006	.020	3	0	54874.	17142.	37731.89	1.000	159.2	1602.1	1582.3	133.7	2.8	6.3	.0086	1.417	1.423	5 32.5
389	8.026	.020	3	0	55356.	16957.	38398.39	1.000	162.1	1602.1	1582.3	136.6	2.9	6.3	.0086	1.448	1.447	5 32.5
390	8.046	.020	3	0	55834.	16764.	39070.11	1.000	165.0	1602.0	1582.3	139.5	2.9	6.3	.0086	1.473	1.472	5 32.5
391	8.066	.020	3	0	56308.	16562.	39746.04	1.000	168.0	1602.0	1582.3	142.5	3.0	6.2	.0086	1.498	1.496	5 32.5
392	8.086	.020	3	0	56779.	16353.	40426.73	1.000	171.1	1601.9	1582.3	145.6	3.0	6.2	.0086	1.523	1.522	5 32.5
393	8.106	.020	3	0	57246.	16134.	41111.57	1.000	174.2	1601.9	1582.3	148.7	3.1	6.2	.0086	1.548	1.547	5 32.5
394	8.126	.020	3	0	57708.	15908.	41800.34	1.000	177.3	1601.9	1582.3	151.8	3.1	6.2	.0086	1.574	1.573	5 32.5
395	8.146	.020	3	0	58166.	15673.	42492.80	1.000	180.5	1601.8	1582.3	155.0	3.2	6.2	.0086	1.600	1.599	5 32.5
396	8.166	.020	3	0	58618.	15429.	43188.71	1.000	183.8	1601.8	1582.3	158.3	3.3	6.2	.0086	1.626	1.625	5 32.5
397	8.186	.020	3	0	59065.	15177.	43887.81	1.000	187.1	1601.7	1582.3	161.6	3.3	6.1	.0086	1.653	1.651	5 32.5
398	8.206	.020	3	0	59516.	14926.	44589.84	1.000	190.4	1601.7	1582.3	164.9	3.4	6.1	.0086	1.679	1.678	5 32.5
399	8.226	.020	3	0	59980.	14685.	45294.97	1.000	193.8	1601.6	1582.3	168.4	3.4	6.1	.0086	1.706	1.705	5 32.5
400	8.246	.020	3	0	60439.	14437.	46002.02	1.000	197.3	1601.6	1582.3	171.8	3.5	6.1	.0086	1.733	1.732	5 32.5
401	8.266	.020	3	0	60891.	14181.	46710.71	1.000	200.8	1601.6	1582.3	175.3	3.5	6.1	.0086	1.761	1.760	5 32.5
402	8.286	.020	3	0	61338.	13916.	47421.52	1.000	204.4	1601.5	1582.3	178.9	3.6	6.0	.0086	1.789	1.787	5 32.5
403	8.306	.020	3	0	61773.	13645.	48128.93	1.000	208.0	1601.4	1582.3	182.5	3.6	6.0	.0086	1.808	1.815	5 32.5
404	8.326	.020	3	0	62203.	13365.	48837.34	1.000	211.7	1601.4	1582.3	186.2	3.7	6.0	.0086	1.836	1.834	5 32.5
405	8.346	.020	3	0	62624.	13078.	49545.95	1.000	215.4	1601.3	1582.3	189.9	3.7	6.0	.0086	1.864	1.862	5 32.5
406	8.366	.020	3	0	63039.	12783.	50255.38	1.000	219.2	1601.3	1582.3	193.7	3.8	6.0	.0086	1.892	1.891	5 32.5
407	8.386	.020	3	0	63445.	12480.	50964.31	1.000	223.0	1601.2	1582.3	197.6	3.8	5.9	.0086	1.921	1.919	5 32.5
408	8.406	.020	3	0	63837.	12170.	51667.63	1.000	226.9	1601.2	1582.3	201.4	3.9	5.9	.0086	1.940	1.948	5 32.5
409	8.426	.020	3	0	64222.	11852.	52370.59	1.000	230.9	1601.1	1582.3	205.4	3.9	5.9	.0086	1.969	1.967	5 32.5
410	8.446	.020	3	0	64599.	11527.	53072.34	1.000	234.9	1601.0	1582.3	209.4	4.0	5.9	.0086	1.998	1.996	5 32.5
411	8.466	.020	3	0	64965.	11193.	53771.83	1.000	238.9	1601.0	1582.3	213.4	4.1	5.9	.0086	2.027	2.026	5 32.5
412	8.486	.020	3	0	65318.	10853.	54465.07	1.000	243.0	1600.9	1582.3	217.5	4.1	5.8	.0086	2.047	2.045	5 32.5
413	8.506	.020	3	0	65659.	10504.	55155.24	1.000	247.2	1600.8	1582.3	221.7	4.2	5.8	.0086	2.076	2.075	5 32.5
414	8.526	.020	3	0	65990.	10148.	55842.38	1.000	251.4	1600.8	1582.3	225.9	4.2	5.8	.0086	2.106	2.104	5 32.5
415	8.546	.020	3	0	66342.	9820.	56521.85	1.000	255.6	1600.7	1582.3	230.1	4.3	5.8	.0086	2.125	2.123	5 32.5

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
416	8.566	.020	3	0	66707.	9510.	57196.87	1.000	259.9	1600.6	1582.3	234.4	4.3	5.7	.0086	2.155	2.153	5	32.5
417	8.586	.020	3	0	67055.	9193.	57862.54	1.000	264.3	1600.6	1582.3	238.8	4.3	5.7	.0086	2.174	2.183	5	32.5
418	8.606	.020	3	0	67392.	8869.	58522.73	1.000	268.7	1600.5	1582.3	243.2	4.4	5.7	.0086	2.204	2.202	5	32.5
419	8.626	.020	3	0	67711.	8539.	59171.91	1.000	273.1	1600.4	1582.3	247.6	4.4	5.6	.0086	2.223	2.232	5	32.5
420	8.646	.020	3	0	68016.	8202.	59814.55	1.000	277.6	1600.3	1582.3	252.2	4.5	5.6	.0086	2.253	2.251	5	32.5
421	8.666	.020	3	0	68304.	7858.	60445.70	1.000	282.2	1600.2	1582.3	256.7	4.5	5.6	.0086	2.271	2.270	5	32.5
422	8.686	.020	3	0	68577.	7508.	61069.29	1.000	286.8	1600.2	1582.3	261.3	4.6	5.6	.0086	2.301	2.299	5	32.5
423	8.706	.020	3	0	68830.	7150.	61679.63	1.000	291.4	1600.1	1582.3	265.9	4.6	5.6	.0086	2.320	2.318	5	32.5
424	8.726	.020	3	0	69069.	6787.	62281.89	1.000	296.1	1600.0	1582.3	270.6	4.7	5.5	.0086	2.350	2.348	5	32.5
425	8.746	.020	3	0	69287.	6417.	62870.55	1.000	300.9	1599.9	1582.3	275.4	4.7	5.5	.0086	2.368	2.366	5	32.5
426	8.766	.020	3	0	69484.	6040.	63444.26	1.000	305.6	1599.8	1582.3	280.1	4.8	5.5	.0086	2.386	2.384	5	32.5
427	8.786	.020	3	0	69661.	5658.	64003.83	1.000	310.4	1599.7	1582.3	285.0	4.8	5.4	.0086	2.404	2.414	5	32.5
428	8.806	.020	3	0	69821.	5268.	64552.49	1.000	315.3	1599.6	1582.3	289.8	4.9	5.4	.0086	2.433	2.431	5	32.5
429	8.826	.020	3	0	69989.	4903.	65085.93	1.000	320.2	1599.6	1582.3	294.7	4.9	5.4	.0086	2.451	2.449	5	32.5
430	8.846	.020	3	0	70198.	4595.	65602.18	1.000	325.1	1599.5	1582.3	299.7	4.9	5.4	.0086	2.468	2.466	5	32.5
431	8.866	.020	3	0	70383.	4283.	66100.68	1.000	330.1	1599.4	1582.3	304.6	5.0	5.3	.0086	2.485	2.483	5	32.5
432	8.886	.020	3	0	70551.	3965.	66585.81	1.000	335.1	1599.3	1582.3	309.7	5.0	5.3	.0086	2.512	2.510	6	32.5
433	8.906	.020	3	0	70693.	3642.	67051.30	1.000	340.2	1599.2	1582.3	314.7	5.1	5.3	.0086	2.528	2.526	5	32.5
434	8.926	.020	3	0	70812.	3314.	67498.04	1.000	345.3	1599.1	1582.3	319.8	5.1	5.2	.0086	2.545	2.543	5	32.5
435	8.946	.020	3	0	70906.	2981.	67924.74	1.000	350.4	1599.0	1582.3	324.9	5.1	5.2	.0086	2.561	2.559	5	32.5
436	8.966	.020	3	0	70975.	2643.	68331.62	1.000	355.6	1598.9	1582.3	330.1	5.2	5.2	.0086	2.576	2.574	5	32.5
437	8.986	.020	3	0	71018.	2300.	68718.09	1.000	360.7	1598.8	1582.3	335.3	5.2	5.2	.0086	2.591	2.590	5	32.5
438	9.006	.020	3	0	71056.	1973.	69082.83	1.000	365.9	1598.7	1582.3	340.5	5.2	5.1	.0086	2.604	2.602	6	32.5
439	9.026	.020	3	0	71199.	1773.	69426.15	1.000	371.2	1598.5	1582.3	345.7	5.2	5.1	.0086	2.619	2.617	5	32.5
440	9.046	.020	3	0	71310.	1570.	69740.17	1.000	376.4	1598.4	1582.3	350.9	5.2	5.0	.0086	2.621	2.618	5	32.5
441	9.066	.020	3	0	71394.	1364.	70030.91	1.000	381.7	1598.3	1582.3	356.2	5.3	5.0	.0086	2.634	2.632	5	32.5
442	9.086	.020	3	0	71451.	1154.	70297.07	1.000	387.0	1598.2	1582.3	361.5	5.3	5.0	.0086	2.648	2.646	5	32.5
443	9.106	.020	3	0	71479.	941.	70538.00	1.000	392.3	1598.1	1582.3	366.8	5.3	5.0	.0086	2.661	2.659	5	32.5
444	9.126	.020	3	0	71474.	726.	70748.46	1.000	397.6	1598.0	1582.3	372.1	5.3	4.9	.0086	2.660	2.658	5	32.5
445	9.146	.020	3	0	71441.	507.	70934.48	1.000	403.0	1597.9	1582.3	377.5	5.3	4.9	.0086	2.673	2.670	5	32.5
446	9.166	.020	3	0	71374.	285.	71089.11	1.000	408.3	1597.8	1582.3	382.8	5.3	4.8	.0086	2.671	2.669	5	32.5
447	9.186	.020	3	0	71279.	61.	71218.44	1.000	413.7	1597.6	1582.3	388.2	5.4	4.8	.0086	2.683	2.680	5	32.5
448	9.206	.020	3	0	71316.	0.	71316.46	1.000	419.0	1597.5	1582.3	393.6	5.4	4.8	.0086	2.680	2.678	5	32.5
449	9.226	.020	3	0	71386.	0.	71385.78	1.000	424.4	1597.4	1582.3	398.9	5.4	4.7	.0086	2.691	2.689	5	32.5
450	9.246	.020	3	0	71420.	0.	71420.43	1.000	429.8	1597.3	1582.3	404.3	5.4	4.7	.0086	2.688	2.685	5	32.5
451	9.266	.020	3	0	71419.	0.	71419.18	1.000	435.2	1597.1	1582.3	409.7	5.4	4.7	.0086	2.684	2.682	5	32.5
452	9.286	.020	3	0	71387.	0.	71387.05	1.000	440.6	1597.0	1582.3	415.1	5.4	4.6	.0086	2.693	2.691	5	32.5
453	9.306	.020	3	0	71320.	0.	71320.16	1.000	445.9	1596.9	1582.3	420.4	5.4	4.6	.0086	2.688	2.686	5	32.5
454	9.326	.020	3	0	71216.	0.	71216.39	1.000	451.3	1596.7	1582.3	425.8	5.4	4.6	.0086	2.683	2.681	5	32.5
455	9.346	.020	3	0	71078.	0.	71078.28	1.000	456.6	1596.6	1582.3	431.2	5.4	4.5	.0086	2.677	2.675	5	32.5
456	9.366	.020	3	0	70904.	0.	70903.79	1.000	462.0	1596.5	1582.3	436.5	5.3	4.5	.0086	2.671	2.669	5	32.5

KSLUMP= 2 HCK= 16.84 DELT= .03 DEL= 16.25

457	9.386	.020	3	0	70668.	0.	70667.87	1.000	482.1	1596.3	1582.3	436.5	.0	4.4	.0086	.000	.000	0	48.8
458	9.406	.020	3	0	69584.	0.	69584.08	1.000	482.1	1596.2	1582.3	436.5	.0	4.5	.0086	.000	.000	0	48.8
459	9.426	.020	3	0	69125.	0.	69125.39	1.000	486.2	1596.0	1582.3	440.6	4.1	4.4	.0086	2.030	2.038	5	48.8
460	9.446	.020	3	0	68649.	0.	68649.19	1.000	490.2	1595.9	1582.3	444.6	4.0	4.3	.0086	2.018	2.017	5	48.8
461	9.466	.020	3	0	68147.	0.	68147.30	1.000	494.2	1595.8	1582.3	448.6	4.0	4.3	.0086	2.007	2.005	5	48.8
462	9.486	.020	3	0	67615.	0.	67615.16	1.000	498.2	1595.6	1582.3	452.6	4.0	4.2	.0086	1.985	1.993	5	48.8
463	9.506	.020	3	0	67058.	0.	67057.80	1.000	502.1	1595.5	1582.3	456.5	3.9	4.2	.0086	1.973	1.972	5	48.8
464	9.526	.020	3	0	66473.	0.	66472.75	1.000	506.1	1595.3	1582.3	460.4	3.9	4.2	.0086	1.952	1.959	5	48.8
465	9.546	.020	3	0	65863.	0.	65863.05	1.000	509.9	1595.2	1582.3	464.3	3.9	4.1	.0086	1.939	1.937	5	48.8
466	9.566	.020	3	0	65226.	0.	65226.39	1.000	513.8	1595.0	1582.3	468.2	3.8	4.1	.0086	1.917	1.915	5	48.8
467	9.586	.020	3	0	64563.	0.	64563.24	1.000	517.6	1594.9	1582.3	471.9	3.8	4.0	.0086	1.895	1.903	5	48.8
468	9.606	.020	3	0	63877.	0.	63877.42	1.000	521.3	1594.7	1582.3	475.7	3.8	4.0	.0086	1.882	1.881	5	48.8
469	9.626	.020	3	0	63166.	0.	63165.96	1.000	525.0	1594.6	1582.3	479.4	3.7	3.9	.0086	1.860	1.858	5	48.8
470	9.646	.020	3	0	62431.	0.	62431.26	1.000	528.7	1594.4	1582.3	483.1	3.7	3.9	.0086	1.838	1.836	5	48.8
471	9.666	.020	3	0	61673.	0.	61672.86	1.000	532.3	1594.3	1582.3	486.7	3.6	3.8	.0086	1.815	1.814	5	48.8

472	9.686	.020	3	0	60891.	0.	60891.31	1.000	535.9	1594.1	1582.3	490.3	3.6	3.8	.0086	1.793	1.792	5	48.8
473	9.706	.020	3	0	60087.	0.	60087.13	1.000	539.5	1593.9	1582.3	493.9	3.5	3.8	.0086	1.771	1.770	5	48.8
474	9.726	.020	3	0	59261.	0.	59260.79	1.000	543.0	1593.8	1582.3	497.3	3.5	3.7	.0086	1.740	1.739	5	48.8
475	9.746	.020	3	0	58413.	0.	58413.05	1.000	546.4	1593.6	1582.3	500.8	3.4	3.7	.0086	1.718	1.717	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
476	9.766	.020	3	0	57545.	0.	57545.43	1.000	549.8	1593.5	1582.3	504.2	3.4	3.6	.0086	1.696	1.695	5	48.8
477	9.786	.020	3	0	56658.	0.	56657.64	1.000	553.1	1593.3	1582.3	507.5	3.3	3.6	.0086	1.666	1.664	5	48.8
478	9.806	.020	3	0	55750.	0.	55749.53	1.000	556.4	1593.2	1582.3	510.8	3.3	3.5	.0086	1.636	1.643	5	48.8
479	9.826	.020	3	0	54823.	0.	54823.49	1.000	559.6	1593.0	1582.3	514.0	3.2	3.5	.0086	1.614	1.613	5	48.8
480	9.846	.020	3	0	53880.	0.	53880.42	1.000	562.8	1592.8	1582.3	517.2	3.2	3.4	.0086	1.585	1.583	5	48.8
481	9.866	.020	3	0	52919.	0.	52919.15	1.000	565.9	1592.7	1582.3	520.3	3.1	3.4	.0086	1.550	1.553	6	48.8
482	9.886	.020	3	0	51945.	0.	51944.88	1.000	568.9	1592.5	1582.3	523.3	3.1	3.3	.0086	1.529	1.531	5	48.8
483	9.906	.020	3	0	50955.	0.	50955.39	1.000	571.9	1592.3	1582.3	526.3	3.0	3.3	.0086	1.493	1.495	5	48.8
484	9.926	.020	3	0	49954.	0.	49954.27	1.000	574.9	1592.2	1582.3	529.3	2.9	3.2	.0086	1.472	1.474	5	48.8
485	9.946	.020	3	0	48940.	0.	48939.59	1.000	577.7	1592.0	1582.3	532.1	2.9	3.2	.0086	1.437	1.439	5	48.8
486	9.966	.020	3	0	47912.	0.	47912.25	1.000	580.5	1591.8	1582.3	534.9	2.8	3.1	.0086	1.402	1.405	5	48.8
487	9.986	.020	3	0	46875.	0.	46875.48	1.000	583.3	1591.7	1582.3	537.7	2.8	3.1	.0086	1.382	1.384	5	48.8
488	10.006	.020	3	0	45829.	0.	45828.59	1.000	586.0	1591.5	1582.3	540.4	2.7	3.0	.0086	1.348	1.351	5	48.8
489	10.026	.020	3	0	44772.	0.	44771.57	1.000	588.6	1591.3	1582.3	543.0	2.6	3.0	.0086	1.315	1.318	5	48.8
490	10.046	.020	3	0	43705.	0.	43705.30	1.000	591.2	1591.2	1582.3	545.6	2.6	2.9	.0086	1.283	1.285	5	48.8
491	10.066	.020	3	0	42632.	0.	42631.56	1.000	593.7	1591.0	1582.3	548.1	2.5	2.9	.0086	1.252	1.254	5	48.8
492	10.086	.020	3	0	41550.	0.	41550.31	1.000	596.1	1590.8	1582.3	550.5	2.4	2.8	.0086	1.220	1.222	5	48.8
493	10.106	.020	3	0	40462.	0.	40462.45	1.000	598.5	1590.6	1582.3	552.9	2.4	2.8	.0086	1.190	1.192	5	48.8
494	10.126	.020	3	0	39370.	0.	39369.66	1.000	600.8	1590.5	1582.3	555.2	2.3	2.7	.0086	1.160	1.162	5	48.8
495	10.146	.020	3	0	38271.	0.	38271.04	1.000	603.1	1590.3	1582.3	557.5	2.3	2.7	.0086	1.131	1.121	5	48.8
496	10.166	.020	3	0	37167.	0.	37166.95	1.000	605.3	1590.1	1582.3	559.7	2.2	2.6	.0086	1.091	1.093	5	48.8
497	10.186	.020	3	0	36059.	0.	36058.89	1.000	607.4	1589.9	1582.3	561.8	2.1	2.6	.0086	1.063	1.065	5	48.8
498	10.206	.020	3	0	34946.	0.	34946.48	1.000	609.5	1589.8	1582.3	563.9	2.1	2.5	.0086	1.026	1.027	5	48.8
499	10.226	.020	3	0	33832.	0.	33831.95	1.000	611.5	1589.6	1582.3	565.9	2.0	2.5	.0086	.999	.991	5	48.8
500	10.246	.020	3	0	32713.	0.	32713.36	1.000	613.4	1589.4	1582.3	567.8	1.9	2.4	.0086	.964	.965	5	48.8
501	10.266	.020	3	0	31592.	0.	31591.82	1.000	615.3	1589.2	1582.3	569.6	1.9	2.3	.0086	.929	.931	5	48.8
502	10.286	.020	3	0	30468.	0.	30467.58	1.000	617.0	1589.1	1582.3	571.4	1.8	2.3	.0086	.896	.898	5	48.8
503	10.306	.020	3	0	29343.	0.	29342.54	1.000	618.8	1588.9	1582.3	573.2	1.7	2.2	.0086	.864	.865	5	48.8
504	10.326	.020	3	0	28221.	0.	28221.02	1.000	620.4	1588.7	1582.3	574.8	1.7	2.2	.0086	.833	.826	5	48.8
505	10.346	.020	3	0	27106.	0.	27105.68	1.000	622.0	1588.5	1582.3	576.4	1.6	2.1	.0086	.795	.796	5	48.8
506	10.366	.020	3	0	26001.	0.	26000.55	1.000	623.6	1588.3	1582.3	578.0	1.5	2.1	.0086	.766	.767	5	48.8
507	10.386	.020	3	0	24906.	0.	24905.76	1.000	625.0	1588.2	1582.3	579.4	1.5	2.0	.0086	.731	.732	5	48.8
508	10.406	.020	3	0	23820.	0.	23819.85	1.000	626.4	1588.0	1582.3	580.8	1.4	1.9	.0086	.697	.698	5	48.8
509	10.426	.020	3	0	22746.	0.	22745.78	1.000	627.8	1587.8	1582.3	582.1	1.3	1.9	.0086	.671	.666	5	48.8
510	10.446	.020	3	0	21681.	0.	21681.11	1.000	629.0	1587.6	1582.3	583.4	1.3	1.8	.0086	.634	.635	5	48.8
511	10.466	.020	3	0	20633.	0.	20633.18	1.000	630.2	1587.4	1582.3	584.6	1.2	1.8	.0086	.605	.606	5	48.8
512	10.486	.020	3	0	19627.	0.	19626.59	1.000	631.4	1587.3	1582.3	585.8	1.2	1.7	.0086	.576	.577	5	48.8
513	10.506	.020	3	0	18676.	0.	18676.47	1.000	632.5	1587.1	1582.3	586.9	1.1	1.7	.0086	.549	.548	5	48.8
514	10.526	.020	3	0	17782.	0.	17781.90	1.000	633.5	1586.9	1582.3	587.9	1.0	1.6	.0086	.519	.527	5	48.8
515	10.546	.020	3	0	16941.	0.	16941.39	1.000	634.5	1586.8	1582.3	588.9	1.0	1.6	.0086	.499	.497	5	48.8
516	10.566	.020	3	0	16152.	0.	16152.31	1.000	635.5	1586.6	1582.3	589.9	.9	1.5	.0086	.471	.479	5	48.8
517	10.586	.020	3	0	15412.	0.	15412.49	1.000	636.4	1586.5	1582.3	590.8	.9	1.5	.0086	.453	.452	5	48.8
518	10.606	.020	3	0	14721.	0.	14720.59	1.000	637.2	1586.4	1582.3	591.6	.9	1.5	.0086	.436	.435	5	48.8
519	10.626	.020	3	0	14074.	0.	14073.59	1.000	638.1	1586.3	1582.3	592.5	.8	1.4	.0086	.412	.410	5	48.8
520	10.646	.020	3	0	13469.	0.	13469.41	1.000	638.9	1586.1	1582.3	593.2	.8	1.4	.0086	.396	.395	5	48.8
521	10.666	.020	3	0	12906.	0.	12906.22	1.000	639.6	1586.0	1582.3	594.0	.8	1.3	.0086	.381	.380	5	48.8
522	10.686	.020	3	0	12381.	0.	12381.01	1.000	640.4	1585.9	1582.3	594.7	.7	1.3	.0086	.367	.365	5	48.8
523	10.706	.020	3	0	11892.	0.	11891.89	1.000	641.0	1585.8	1582.3	595.4	.7	1.3	.0086	.346	.352	5	48.8
524	10.726	.020	3	0	11437.	0.	11436.96	1.000	641.7	1585.7	1582.3	596.1	.7	1.2	.0086	.333	.338	5	48.8
525	10.746	.020	3	0	11014.	0.	11013.50	1.000	642.4	1585.6	1582.3	596.7	.6	1.2	.0086	.320	.325	5	48.8
526	10.766	.020	3	0	10620.	0.	10619.74	1.000	643.0	1585.6	1582.3	597.4	.6	1.2	.0086	.314	.313	5	48.8

527	10.786	.020	3	0	10254.	0.	10253.50	1.000	643.6	1585.5	1582.3	598.0	.6	1.2	.0086	.302	.301	5	48.8
528	10.806	.020	3	0	9913.	0.	9912.96	1.000	644.2	1585.4	1582.3	598.6	.6	1.1	.0086	.291	.290	5	48.8
529	10.826	.020	3	0	9596.	0.	9595.77	1.000	644.7	1585.3	1582.3	599.1	.6	1.1	.0086	.280	.284	5	48.8
530	10.846	.020	3	0	9300.	0.	9300.41	1.000	645.3	1585.3	1582.3	599.7	.5	1.1	.0086	.274	.273	5	48.8
531	10.866	.020	3	0	9025.	0.	9025.08	1.000	645.8	1585.2	1582.3	600.2	.5	1.1	.0086	.264	.263	5	48.8
532	10.886	.020	3	0	8768.	0.	8768.38	1.000	646.3	1585.2	1582.3	600.7	.5	1.1	.0086	.259	.258	5	48.8
533	10.906	.020	3	0	8528.	0.	8528.11	1.000	646.8	1585.1	1582.3	601.2	.5	1.0	.0086	.249	.248	5	48.8
534	10.926	.020	3	0	8303.	0.	8302.96	1.000	647.3	1585.1	1582.3	601.7	.5	1.0	.0086	.245	.244	5	48.8
535	10.946	.020	3	0	8092.	0.	8091.95	1.000	647.8	1585.0	1582.3	602.2	.5	1.0	.0086	.235	.239	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
536	10.966	.020	3	0	7893.	0.	7893.31	1.000	648.2	1585.0	1582.3	602.6	.5	1.0	.0086	.231	.230	5	48.8
537	10.986	.020	3	0	7706.	0.	7706.28	1.000	648.7	1584.9	1582.3	603.1	.5	1.0	.0086	.226	.226	5	48.8
538	11.006	.020	3	0	7529.	0.	7528.89	1.000	649.1	1584.9	1582.3	603.5	.4	1.0	.0086	.222	.221	5	48.8
539	11.026	.020	3	0	7360.	0.	7360.46	1.000	649.6	1584.8	1582.3	604.0	.4	.9	.0086	.218	.217	5	48.8
540	11.046	.020	3	0	7197.	0.	7197.33	.999	650.0	1584.8	1582.3	604.4	.4	.9	.0086	.210	.213	5	48.8
541	11.066	.020	3	0	7039.	0.	7039.00	.998	650.4	1584.8	1582.3	604.8	.4	.9	.0086	.206	.205	5	48.8

KTT= 0 I= 541 T= 11.07

OUTPUT SUMMARY

QBP	MAX OUTFLOW(CFS) THRU BREACH	71420.
TP	TIME(HR) AT WHICH PEAK OUTFLOW OCCURS	9.11
QP	MAX TOTAL OUTFLOW(CFS) OCCURRING AT TIME TP	71479.
TRS	DURATION(HR) OF RISING LIMB OF HYDROGRAPH	6.47
TB	TIME(HR) AT WHICH SIGN. RISE IN OUTFLOW STARTS	6.24
BRD	FINAL DEPTH(FT) OF BREACH	20.00
BRW	FINAL TOP WIDTH(FT) OF BREACH AT PEAK BREACH FLOW	429.80
HU	ELEV(FT) OF TOP OF DAM	1602.30
HY	FINAL ELEV(FT) OF RESERVOIR WATER SURFACE	1584.77
HC	FINAL ELEV(FT) OF BOTTOM OF BREACH	1582.300
AGL	ACUTE ANGLE THAT BREACH SIDE MAKES WITH VERTICAL AT QBP	48.750
QO	OUTFLOW (CFS) AT T=0.0	.0000
Z	SIDE SLOPE OF BREACH (FT/FT) AT PEAK BREACH FLOW	.64
TFH	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY USING SIMPLIFIED DAM-BREAK DISCHARGE EQUATION	2.08
TFHI	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY INTEGRATING QB VS TIME FROM T=0 TO T=TP	2.87
BO	BOTTOM WIDTH (FT) OF BREACH AT PEAK BREACH FLOW	404.32

1

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QTIME***** 12941.0   19941.0   26941.0   33941.0   40941.0   47941.0   54941.0   61941.0   68941.0   75941.0    DISCHARGE
  5.800.        .     *     .         .         .         .         .         .         .         .         .     17439.
  6.000.        .         .  *        .         .         .         .         .         .         .         .     21062.
  6.200.        .         .         .     *     .         .         .         .         .         .         .     31023.
  6.400.        .         .         .         .         *         .         .         .         .         .         .     41268.
  6.600.        .         .         .         .         *         .         .         .         .         .         .     41040.
  6.800.        .         .         .         .         .  *      .         .         .         .         .         .     42520.
  7.000.        .         .         .         .         .     *   .         .         .         .         .         .     44597.
  7.200.        .         .         .         .         .         *.        .         .         .         .         .     46942.
  7.400.        .         .         .         .         .         .  *      .         .         .         .         .     49081.
  7.600.        .         .         .         .         .         .  *      .         .         .         .         .     49440.
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7.800.                                                                  50142.
8.000.                                                                  54730.
8.200.                                                                  59380.
8.400.                                                                  63719.
8.600.                                                                  67291.
8.800.                                                                  69773.
9.000.                                                                  71044.
9.200.                                                                  71305.
9.400.                                                                  69911.
9.600.                                                                  64084.
9.800.                                                                  56024.
10.000.                                                                 46145.
10.200.                                                                 35283.
10.400.                                                                 24149.
10.600.                                                                 14930.
10.800.                                                                 10016.
11.000.                                                                  7583.
11.200                                                                   5942.
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BRRPD.OR1 - Rittenhouse
Piping Failure

PIPING FAILURE - RITTENHOUSE FRS - JMM - 8/25/87 (BRRPD.CR1)

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HI=   1597.60  HU=   1602.30  HL=   1582.30  HPI=   1589.00  HSP=  1597.60  PI=    .0  CA= .000  CB= .00

       (QIN(I),I=1,8)
    .00   3520.00  11401.00  33558.00  36420.00  46765.00   9253.00      .00

       (TIN(I),I=1,8)
    .00      3.30      3.30      5.20      6.20      7.30     10.30     12.40

       (RSA(I),I=1,8)
 1000.00    800.00    600.00    400.00    200.00    118.00      .00      .00

       (HSA(I),I=1,8)
 1605.00   1600.50   1596.50   1592.90   1589.10   1587.50   1582.30      .00

       (HSTW(I),I=1,8)
 1582.30   1583.30   1605.00      .00      .00      .00      .00      .00

       (BSTW(I),I=1,8)
    .00   2000.00   2000.00      .00      .00      .00      .00      .00

       (CMTW(I),I=1,8)
    .06      .06      .06      .00      .00      .00      .00      .00

ZU=  3.00  ZD=  2.00  ZC=   .00  GL=   .00  GS=   .00  VMP=   .00

D50C=   .00  PORC=   .00  UWC=   .00  CNC= .0000  AFRC=   .00  COHC=    .0  UNFCC=   .00

D50S=   .08  PORS=   .32  UWS=116.00  CNS= .0000  AFRS= 25.00  COHS= 100.0  UNFCS= 10.00

BR=  1.00  WC=  14.0  CRL=19008.0  SM= 31.68  D50DF=   .00  UNFCDF=   .00   BMX= 2000.

DTH=  .020  DBG=  .001   H=  1.0000   TEH=   12.4  ERR=   .01  FPT=  10.0  TPR=   4.0

       (SPG(I),I=1,8)
    .00   2000.00   5000.00  10000.00  15000.00  20000.00  25000.00      .00

       (SPH(I),I=1,8)
    .00      1.07      1.98      3.14      4.11      4.98      5.78      .00


1


       AFR=    .0   TH1= 57.50   H1=  5.41   TH2= 41.25   H2= 16.33   TH3= 33.13   H3= 51.58


1
  I     T  DTH  KG KC    QTOT      QTS          QB  SUB    BT    HY    HC    BO   PPP    HP  CNN    DH   DHH   KIT ALG
PIPE FLOW TO WEIR FLOW TRANSITION

       KSLUMP= 1    HCK=   14.72    DELT=    .10    DEL= 32.50


       KSLUMP= 2    HCK=   16.83    DELT=    .18    DEL= 16.25
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I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
305	4.000	.005	3	0	13957.	0.	13957.24	1.000	123.4	1596.0	1582.3	77.8	.2	4.7	.0086	.110	.110	5	48.3
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
906	4.005	.005	3	0	13990.	0.	13989.60	1.000	123.6	1596.0	1582.3	78.0	.2	4.7	.0086	.110	.110	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
907	4.011	.005	3	0	14022.	0.	14022.25	1.000	123.8	1596.0	1582.3	78.2	.2	4.7	.0086	.110	.111	5	48.8
908	4.016	.005	3	0	14055.	0.	14055.20	1.000	124.1	1596.0	1582.3	78.4	.2	4.7	.0086	.111	.110	5	48.8
909	4.021	.005	3	0	14088.	0.	14088.04	1.000	124.3	1596.0	1582.3	78.7	.2	4.7	.0086	.111	.111	5	48.8
910	4.027	.005	3	0	14121.	0.	14121.38	1.000	124.5	1596.0	1582.3	78.9	.2	4.7	.0086	.111	.111	5	48.8
911	4.032	.005	3	0	14155.	0.	14154.61	1.000	124.7	1596.0	1582.3	79.1	.2	4.7	.0086	.111	.111	5	48.8
912	4.037	.005	3	0	14188.	0.	14188.15	1.000	124.9	1596.0	1582.3	79.3	.2	4.7	.0086	.112	.112	5	48.8
913	4.043	.005	3	0	14222.	0.	14221.77	1.000	125.2	1596.0	1582.3	79.6	.2	4.7	.0086	.112	.112	5	48.8
914	4.048	.005	3	0	14255.	0.	14255.70	1.000	125.4	1596.0	1582.3	79.8	.2	4.7	.0086	.112	.112	5	48.8
915	4.054	.005	3	0	14289.	0.	14289.73	1.000	125.6	1596.0	1582.3	80.0	.2	4.7	.0086	.113	.113	5	48.8
916	4.059	.005	3	0	14324.	0.	14323.85	1.000	125.8	1596.0	1582.3	80.2	.2	4.7	.0086	.113	.113	5	48.8
917	4.064	.005	3	0	14358.	0.	14357.90	1.000	126.1	1596.0	1582.3	80.5	.2	4.7	.0086	.113	.113	5	48.8
918	4.070	.005	3	0	14392.	0.	14392.26	1.000	126.3	1596.0	1582.3	80.7	.2	4.7	.0086	.113	.114	5	48.8
919	4.075	.005	3	0	14427.	0.	14426.92	1.000	126.5	1596.0	1582.3	80.9	.2	4.7	.0086	.113	.113	5	48.8
920	4.080	.005	3	0	14462.	0.	14461.69	1.000	126.8	1596.0	1582.3	81.1	.2	4.7	.0086	.114	.114	5	48.8
921	4.086	.005	3	0	14497.	0.	14496.55	1.000	127.0	1596.0	1582.3	81.4	.2	4.7	.0086	.114	.114	5	48.8
922	4.091	.005	3	0	14532.	0.	14531.51	1.000	127.2	1596.0	1582.3	81.6	.2	4.7	.0086	.114	.114	5	48.8
923	4.096	.005	3	0	14567.	0.	14566.79	1.000	127.4	1596.0	1582.3	81.8	.2	4.7	.0086	.115	.115	5	48.8
924	4.102	.005	3	0	14602.	0.	14602.16	1.000	127.7	1596.0	1582.3	82.1	.2	4.7	.0086	.115	.115	5	48.8
925	4.107	.005	3	0	14638.	0.	14637.85	1.000	127.9	1596.0	1582.3	82.3	.2	4.7	.0086	.115	.115	5	48.8
926	4.112	.005	3	0	14673.	0.	14673.43	1.000	128.1	1596.0	1582.3	82.5	.2	4.7	.0086	.116	.116	5	48.8
927	4.118	.005	3	0	14710.	0.	14709.54	1.000	128.4	1596.0	1582.3	82.8	.2	4.7	.0086	.116	.116	5	48.8
928	4.123	.005	3	0	14746.	0.	14745.53	1.000	128.6	1596.0	1582.3	83.0	.2	4.7	.0086	.116	.116	5	48.8
929	4.129	.005	3	0	14782.	0.	14781.85	1.000	128.8	1596.0	1582.3	83.2	.2	4.7	.0086	.117	.117	5	48.8
930	4.134	.005	3	0	14818.	0.	14818.26	1.000	129.1	1596.0	1582.3	83.5	.2	4.7	.0086	.117	.117	5	48.8
931	4.139	.005	3	0	14855.	0.	14854.83	1.000	129.3	1596.0	1582.3	83.7	.2	4.7	.0086	.117	.117	5	48.8
932	4.145	.005	3	0	14892.	0.	14891.50	1.000	129.5	1596.0	1582.3	83.9	.2	4.7	.0086	.117	.118	5	48.8
933	4.150	.005	3	0	14928.	0.	14928.27	1.000	129.8	1596.0	1582.3	84.2	.2	4.7	.0086	.117	.117	5	48.8
934	4.155	.005	3	0	14965.	0.	14965.37	1.000	130.0	1596.0	1582.3	84.4	.2	4.7	.0086	.118	.118	5	48.8
935	4.161	.005	3	0	15003.	0.	15002.58	1.000	130.2	1596.0	1582.3	84.6	.2	4.7	.0086	.118	.118	5	48.8
936	4.166	.005	3	0	15040.	0.	15039.39	1.000	130.5	1596.0	1582.3	84.9	.2	4.7	.0086	.118	.118	5	48.8
937	4.171	.005	3	0	15078.	0.	15077.53	1.000	130.7	1596.0	1582.3	85.1	.2	4.7	.0086	.119	.119	5	48.8
938	4.177	.005	3	0	15115.	0.	15115.27	1.000	130.9	1596.0	1582.3	85.3	.2	4.7	.0086	.119	.119	5	48.8
939	4.182	.005	3	0	15153.	0.	15153.13	1.000	131.2	1596.0	1582.3	85.6	.2	4.7	.0086	.119	.119	5	48.8
940	4.187	.005	3	0	15191.	0.	15191.31	1.000	131.4	1596.0	1582.3	85.8	.2	4.7	.0086	.120	.120	5	48.8
941	4.193	.005	3	0	15230.	0.	15229.61	1.000	131.7	1596.0	1582.3	86.1	.2	4.7	.0086	.120	.120	5	48.8
942	4.198	.005	3	0	15268.	0.	15268.01	1.000	131.9	1596.0	1582.3	86.3	.2	4.7	.0086	.120	.120	5	48.8
943	4.203	.005	3	0	15307.	0.	15306.75	1.000	132.1	1596.0	1582.3	86.5	.2	4.7	.0086	.121	.121	5	48.8
944	4.209	.005	3	0	15346.	0.	15345.61	1.000	132.4	1596.1	1582.3	86.8	.2	4.7	.0086	.121	.121	5	48.8
945	4.214	.005	3	0	15385.	0.	15384.57	1.000	132.6	1596.1	1582.3	87.0	.2	4.7	.0086	.121	.121	5	48.8
946	4.220	.005	3	0	15424.	0.	15423.64	1.000	132.9	1596.1	1582.3	87.3	.2	4.7	.0086	.122	.122	5	48.8
947	4.225	.005	3	0	15463.	0.	15463.06	1.000	133.1	1596.1	1582.3	87.5	.2	4.7	.0086	.122	.122	5	48.8
948	4.230	.005	3	0	15503.	0.	15502.81	1.000	133.4	1596.1	1582.3	87.8	.2	4.7	.0086	.122	.122	5	48.8
949	4.236	.005	3	0	15542.	0.	15542.27	1.000	133.6	1596.1	1582.3	88.0	.2	4.7	.0086	.122	.123	5	48.8

950	4.241	.005	3	0	15582.	0.	15582.07	1.000	133.9	1596.1	1582.3	88.2	.2	4.7	.0086	.122	.123	5	48.8
951	4.246	.005	3	0	15622.	0.	15622.22	1.000	134.1	1596.1	1582.3	88.5	.2	4.7	.0086	.123	.123	5	48.8
952	4.252	.005	3	0	15662.	0.	15662.25	1.000	134.3	1596.1	1582.3	88.7	.2	4.7	.0086	.123	.124	5	48.8
953	4.257	.005	3	0	15703.	0.	15702.62	1.000	134.6	1596.1	1582.3	89.0	.2	4.7	.0086	.124	.123	5	48.8
954	4.262	.005	3	0	15743.	0.	15743.12	1.000	134.8	1596.1	1582.3	89.2	.2	4.7	.0086	.124	.124	5	48.8
955	4.268	.005	3	0	15784.	0.	15783.96	1.000	135.1	1596.1	1582.3	89.5	.2	4.7	.0086	.124	.124	5	48.8
956	4.273	.005	3	0	15825.	0.	15824.92	1.000	135.3	1596.1	1582.3	89.7	.2	4.7	.0086	.125	.124	5	48.8
957	4.278	.005	3	0	15866.	0.	15866.00	1.000	135.6	1596.1	1582.3	90.0	.2	4.7	.0086	.125	.125	5	48.8
958	4.284	.005	3	0	15907.	0.	15907.20	1.000	135.8	1596.1	1582.3	90.2	.3	4.7	.0086	.125	.125	5	48.8
959	4.289	.005	3	0	15949.	0.	15948.75	1.000	136.1	1596.1	1582.3	90.5	.3	4.7	.0086	.126	.125	5	48.8
960	4.295	.005	3	0	15990.	0.	15990.42	1.000	136.3	1596.1	1582.3	90.7	.3	4.7	.0086	.126	.126	5	48.8
961	4.300	.005	3	0	16032.	0.	16032.45	1.000	136.6	1596.1	1582.3	91.0	.3	4.7	.0086	.126	.126	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
962	4.305	.005	3	0	16075.	0.	16074.59	1.000	136.8	1596.1	1582.3	91.2	.3	4.7	.0086	.127	.127	5	48.8
963	4.311	.005	3	0	16117.	0.	16116.87	1.000	137.1	1596.1	1582.3	91.5	.3	4.7	.0086	.127	.127	5	48.8
964	4.316	.005	3	0	16159.	0.	16159.26	1.000	137.4	1596.1	1582.3	91.7	.3	4.7	.0086	.127	.127	5	48.8
965	4.321	.005	3	0	16202.	0.	16202.02	1.000	137.6	1596.1	1582.3	92.0	.3	4.7	.0086	.128	.128	5	48.8
966	4.327	.005	3	0	16245.	0.	16244.90	1.000	137.9	1596.1	1582.3	92.3	.3	4.7	.0086	.128	.128	5	48.8
967	4.332	.005	3	0	16288.	0.	16287.91	1.000	138.1	1596.1	1582.3	92.5	.3	4.7	.0086	.128	.128	5	48.8
968	4.337	.005	3	0	16331.	0.	16331.04	1.000	138.4	1596.1	1582.3	92.8	.3	4.7	.0086	.129	.129	5	48.8
969	4.343	.005	3	0	16375.	0.	16374.54	1.000	138.6	1596.1	1582.3	93.0	.3	4.7	.0086	.129	.129	5	48.8
970	4.348	.005	3	0	16418.	0.	16418.16	1.000	138.9	1596.1	1582.3	93.3	.3	4.7	.0086	.129	.129	5	48.8
971	4.353	.005	3	0	16462.	0.	16462.16	1.000	139.2	1596.1	1582.3	93.5	.3	4.7	.0086	.130	.130	5	48.8
972	4.359	.005	3	0	16506.	0.	16506.28	1.000	139.4	1596.1	1582.3	93.8	.3	4.7	.0086	.130	.130	5	48.8
973	4.364	.005	3	0	16551.	0.	16550.53	1.000	139.7	1596.1	1582.3	94.1	.3	4.7	.0086	.131	.130	5	48.8
974	4.369	.005	3	0	16595.	0.	16594.91	1.000	139.9	1596.1	1582.3	94.3	.3	4.7	.0086	.131	.131	5	48.8
975	4.375	.005	3	0	16640.	0.	16639.67	1.000	140.2	1596.1	1582.3	94.6	.3	4.7	.0086	.131	.131	5	48.8
976	4.380	.005	3	0	16684.	0.	16684.31	1.000	140.5	1596.1	1582.3	94.9	.3	4.7	.0086	.132	.132	5	48.8
977	4.386	.005	3	0	16730.	0.	16729.58	1.000	140.7	1596.1	1582.3	95.1	.3	4.7	.0086	.132	.132	5	48.8
978	4.391	.005	3	0	16775.	0.	16774.73	1.000	141.0	1596.1	1582.3	95.4	.3	4.7	.0086	.132	.132	5	48.8
979	4.396	.005	3	0	16820.	0.	16820.26	1.000	141.3	1596.1	1582.3	95.7	.3	4.7	.0086	.133	.133	5	48.8
980	4.402	.005	3	0	16866.	0.	16865.93	1.000	141.5	1596.1	1582.3	95.9	.3	4.7	.0086	.133	.133	5	48.8
981	4.407	.005	3	0	16912.	0.	16911.73	1.000	141.8	1596.1	1582.3	96.2	.3	4.7	.0086	.133	.133	5	48.8
982	4.412	.005	3	0	16958.	0.	16957.91	1.000	142.1	1596.1	1582.3	96.5	.3	4.7	.0086	.134	.134	5	48.8
983	4.418	.005	3	0	17004.	0.	17004.23	1.000	142.3	1596.1	1582.3	96.7	.3	4.7	.0086	.134	.134	5	48.8
984	4.423	.005	3	0	17051.	0.	17050.69	1.000	142.6	1596.1	1582.3	97.0	.3	4.7	.0086	.135	.134	5	48.8
985	4.428	.005	3	0	17097.	0.	17097.29	1.000	142.9	1596.1	1582.3	97.3	.3	4.7	.0086	.135	.135	5	48.8
986	4.434	.005	3	0	17144.	0.	17144.27	1.000	143.1	1596.1	1582.3	97.5	.3	4.7	.0086	.135	.135	5	48.8
987	4.439	.005	3	0	17191.	0.	17191.39	1.000	143.4	1596.1	1582.3	97.8	.3	4.7	.0086	.136	.136	5	48.8
988	4.444	.005	3	0	17239.	0.	17238.65	1.000	143.7	1596.1	1582.3	98.1	.3	4.7	.0086	.136	.136	5	48.8
989	4.450	.005	3	0	17286.	0.	17286.31	1.000	144.0	1596.1	1582.3	98.3	.3	4.7	.0086	.136	.136	5	48.8
990	4.455	.005	3	0	17334.	0.	17334.10	1.000	144.2	1596.1	1582.3	98.6	.3	4.7	.0086	.137	.137	5	48.8
991	4.461	.005	3	0	17382.	0.	17382.05	1.000	144.5	1596.1	1582.3	98.9	.3	4.7	.0086	.137	.137	5	48.8
992	4.466	.005	3	0	17430.	0.	17430.13	1.000	144.8	1596.1	1582.3	99.2	.3	4.7	.0086	.138	.137	5	48.8
993	4.471	.005	3	0	17479.	0.	17478.61	1.000	145.1	1596.1	1582.3	99.4	.3	4.7	.0086	.138	.138	5	48.8
994	4.477	.005	3	0	17527.	0.	17527.23	1.000	145.3	1596.1	1582.3	99.7	.3	4.7	.0086	.138	.138	5	48.8
995	4.482	.005	3	0	17576.	0.	17576.00	1.000	145.6	1596.2	1582.3	100.0	.3	4.7	.0086	.139	.139	5	48.8
996	4.487	.005	3	0	17625.	0.	17624.92	1.000	145.9	1596.2	1582.3	100.3	.3	4.7	.0086	.139	.139	5	48.8
997	4.493	.005	3	0	17674.	0.	17674.24	1.000	146.2	1596.2	1582.3	100.6	.3	4.7	.0086	.139	.139	5	48.8
998	4.498	.005	3	0	17724.	0.	17723.71	1.000	146.4	1596.2	1582.3	100.8	.3	4.7	.0086	.140	.140	5	48.8
999	4.503	.005	3	0	17773.	0.	17773.32	1.000	146.7	1596.2	1582.3	101.1	.3	4.7	.0086	.140	.140	5	48.8
1000	4.509	.005	3	0	17823.	0.	17823.09	1.000	147.0	1596.2	1582.3	101.4	.3	4.7	.0086	.141	.141	5	48.8
1001	4.514	.005	3	0	17873.	0.	17873.26	1.000	147.3	1596.2	1582.3	101.7	.3	4.7	.0086	.141	.141	5	48.8
1002	4.519	.005	3	0	17923.	0.	17923.58	1.000	147.6	1596.2	1582.3	102.0	.3	4.7	.0086	.141	.141	5	48.8
1003	4.525	.005	3	0	17974.	0.	17974.06	1.000	147.9	1596.2	1582.3	102.2	.3	4.7	.0086	.142	.142	5	48.8
1004	4.530	.005	3	0	18025.	0.	18024.69	1.000	148.1	1596.2	1582.3	102.5	.3	4.7	.0086	.142	.142	5	48.8

1005	4.535	.005	3	0	18076.	0.	18075.73	1.000	148.4	1596.2	1582.3	102.8	.3	4.7	.0086	.143	.143	5	48.8
1006	4.541	.005	3	0	18127.	0.	18126.92	1.000	148.7	1596.2	1582.3	103.1	.3	4.7	.0086	.143	.143	5	48.8
1007	4.546	.005	3	0	18178.	0.	18178.28	1.000	149.0	1596.2	1582.3	103.4	.3	4.7	.0086	.143	.143	5	48.8
1008	4.552	.005	3	0	18230.	0.	18229.78	1.000	149.3	1596.2	1582.3	103.7	.3	4.7	.0086	.144	.144	5	48.8
1009	4.557	.005	3	0	18282.	0.	18281.71	1.000	149.6	1596.2	1582.3	104.0	.3	4.7	.0086	.144	.144	5	48.8
1010	4.562	.005	3	0	18334.	0.	18333.79	1.000	149.9	1596.2	1582.3	104.3	.3	4.7	.0086	.145	.144	5	48.8
1011	4.568	.005	3	0	18386.	0.	18386.03	1.000	150.2	1596.2	1582.3	104.5	.3	4.7	.0086	.145	.145	5	48.8
1012	4.573	.005	3	0	18438.	0.	18438.42	1.000	150.4	1596.2	1582.3	104.8	.3	4.7	.0086	.145	.145	5	48.8
1013	4.578	.005	3	0	18491.	0.	18491.25	1.000	150.7	1596.2	1582.3	105.1	.3	4.7	.0086	.146	.146	5	48.8
1014	4.584	.005	3	0	18544.	0.	18543.97	1.000	151.0	1596.2	1582.3	105.4	.3	4.7	.0086	.146	.146	5	48.8
1015	4.589	.005	3	0	18597.	0.	18597.11	1.000	151.3	1596.2	1582.3	105.7	.3	4.7	.0086	.147	.147	5	48.8
1016	4.594	.005	3	0	18651.	0.	18650.69	1.000	151.6	1596.2	1582.3	106.0	.3	4.7	.0086	.147	.147	5	48.8
1017	4.600	.005	3	0	18704.	0.	18704.15	1.000	151.9	1596.2	1582.3	106.3	.3	4.7	.0086	.147	.147	5	48.8
1018	4.605	.005	3	0	18758.	0.	18758.06	1.000	152.2	1596.2	1582.3	106.6	.3	4.7	.0086	.148	.148	5	48.8
1019	4.610	.005	3	0	18812.	0.	18812.12	1.000	152.5	1596.2	1582.3	106.9	.3	4.7	.0086	.148	.148	5	48.8
1020	4.616	.005	3	0	18866.	0.	18866.35	1.000	152.8	1596.2	1582.3	107.2	.3	4.7	.0086	.149	.149	5	48.8
1021	4.621	.005	3	0	18921.	0.	18920.75	1.000	153.1	1596.2	1582.3	107.5	.3	4.7	.0086	.149	.149	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	D4H	KIT	ALG
1022	4.627	.005	3	0	18976.	0.	18975.58	1.000	153.4	1596.2	1582.3	107.8	.3	4.7	.0086	.149	.149	5	48.8
1023	4.632	.005	3	0	19030.	0.	19030.31	1.000	153.7	1596.2	1582.3	108.1	.3	4.7	.0086	.150	.150	5	48.8
1024	4.637	.005	3	0	19085.	0.	19085.48	1.000	154.0	1596.2	1582.3	108.4	.3	4.7	.0086	.150	.150	5	48.8
1025	4.643	.005	3	0	19141.	0.	19140.82	1.000	154.3	1596.2	1582.3	108.7	.3	4.7	.0086	.151	.151	5	48.8
1026	4.648	.005	3	0	19196.	0.	19196.60	1.000	154.6	1596.3	1582.3	109.0	.3	4.7	.0086	.151	.151	5	48.8
1027	4.653	.005	3	0	19252.	0.	19252.55	1.000	154.9	1596.3	1582.3	109.3	.3	4.7	.0086	.152	.151	5	48.8
1028	4.659	.005	3	0	19308.	0.	19308.40	1.000	155.2	1596.3	1582.3	109.6	.3	4.7	.0086	.152	.152	5	48.8
1029	4.664	.005	3	0	19365.	0.	19364.69	1.000	155.5	1596.3	1582.3	109.9	.3	4.7	.0086	.152	.152	5	48.8
1030	4.669	.005	3	0	19421.	0.	19421.44	1.000	155.8	1596.3	1582.3	110.2	.3	4.7	.0086	.153	.153	5	48.8
1031	4.675	.005	3	0	19478.	0.	19478.08	1.000	156.1	1596.3	1582.3	110.5	.3	4.7	.0086	.153	.153	5	48.8
1032	4.680	.005	3	0	19535.	0.	19535.18	1.000	156.4	1596.3	1582.3	110.8	.3	4.7	.0086	.154	.154	5	48.8
1033	4.685	.005	3	0	19592.	0.	19592.45	1.000	156.7	1596.3	1582.3	111.1	.3	4.7	.0086	.154	.154	5	48.8
1034	4.691	.005	3	0	19650.	0.	19649.90	1.000	157.1	1596.3	1582.3	111.4	.3	4.7	.0086	.155	.154	5	48.8
1035	4.696	.005	3	0	19708.	0.	19707.52	1.000	157.4	1596.3	1582.3	111.8	.3	4.7	.0086	.155	.155	5	48.8
1036	4.701	.005	3	0	19765.	0.	19765.32	1.000	157.7	1596.3	1582.3	112.1	.3	4.7	.0086	.155	.156	5	48.8
1037	4.707	.005	3	0	19824.	0.	19823.58	1.000	158.0	1596.3	1582.3	112.4	.3	4.7	.0086	.156	.156	5	48.8
1038	4.712	.005	3	0	19882.	0.	19882.02	1.000	158.3	1596.3	1582.3	112.7	.3	4.7	.0086	.156	.157	5	48.8
1039	4.718	.005	3	0	19941.	0.	19940.65	1.000	158.6	1596.3	1582.3	113.0	.3	4.7	.0086	.157	.157	5	48.8
1040	4.723	.005	3	0	20000.	0.	19999.69	1.000	158.9	1596.3	1582.3	113.3	.3	4.7	.0086	.158	.158	5	48.8
1041	4.728	.005	3	0	20059.	0.	20058.92	1.000	159.2	1596.3	1582.3	113.6	.3	4.7	.0086	.158	.158	5	48.8
1042	4.734	.005	3	0	20119.	0.	20118.62	1.000	159.6	1596.3	1582.3	113.9	.3	4.7	.0086	.159	.159	5	48.8
1043	4.739	.005	3	0	20179.	0.	20178.50	1.000	159.9	1596.3	1582.3	114.3	.3	4.7	.0086	.159	.159	5	48.8
1044	4.744	.005	3	0	20239.	0.	20238.57	1.000	160.2	1596.3	1582.3	114.6	.3	4.7	.0086	.160	.160	5	48.8
1045	4.750	.005	3	0	20299.	0.	20298.83	1.000	160.5	1596.3	1582.3	114.9	.3	4.7	.0086	.160	.160	5	48.8
1046	4.755	.005	3	0	20359.	0.	20359.27	1.000	160.8	1596.3	1582.3	115.2	.3	4.7	.0086	.161	.160	5	48.8
1047	4.760	.005	3	0	20420.	0.	20419.90	1.000	161.2	1596.3	1582.3	115.6	.3	4.7	.0086	.161	.161	5	48.8
1048	4.766	.005	3	0	20481.	0.	20481.01	1.000	161.5	1596.3	1582.3	115.9	.3	4.7	.0086	.161	.161	5	48.8
1049	4.771	.005	3	0	20542.	0.	20542.32	1.000	161.8	1596.3	1582.3	116.2	.3	4.7	.0086	.162	.162	5	48.8
1050	4.776	.005	3	0	20603.	0.	20603.81	1.000	162.1	1596.3	1582.3	116.5	.3	4.7	.0086	.162	.162	5	48.8
1051	4.782	.005	3	0	20665.	0.	20665.49	1.000	162.5	1596.4	1582.3	116.8	.3	4.7	.0086	.163	.163	5	48.8
1052	4.787	.005	3	0	20727.	0.	20727.37	1.000	162.8	1596.4	1582.3	117.2	.3	4.7	.0086	.163	.163	5	48.8
1053	4.793	.005	3	0	20790.	0.	20789.73	1.000	163.1	1596.4	1582.3	117.5	.3	4.7	.0086	.164	.164	5	48.8
1054	4.798	.005	3	0	20852.	0.	20852.00	1.000	163.4	1596.4	1582.3	117.8	.3	4.7	.0086	.164	.164	5	48.8
1055	4.803	.005	3	0	20915.	0.	20914.75	1.000	163.8	1596.4	1582.3	118.2	.3	4.7	.0086	.165	.165	5	48.8
1056	4.809	.005	3	0	20978.	0.	20977.70	1.000	164.1	1596.4	1582.3	118.5	.3	4.7	.0086	.165	.165	5	48.8
1057	4.814	.005	3	0	21041.	0.	21040.85	1.000	164.4	1596.4	1582.3	118.8	.3	4.7	.0086	.166	.165	5	48.8
1058	4.819	.005	3	0	21104.	0.	21104.20	1.000	164.8	1596.4	1582.3	119.2	.3	4.7	.0086	.166	.166	5	48.8
1059	4.825	.005	3	0	21168.	0.	21168.04	1.000	165.1	1596.4	1582.3	119.5	.3	4.7	.0086	.166	.166	5	48.8

1060	4.830	.005	3	0	21232.	0.	21231.78	1.000	165.4	1596.4	1582.3	119.8	.3	4.7	.0086	.167	.168	5	48.8
1061	4.835	.005	3	0	21296.	0.	21296.02	1.000	165.8	1596.4	1582.3	120.2	.3	4.7	.0086	.167	.168	5	48.8
1062	4.841	.005	3	0	21360.	0.	21360.46	1.000	166.1	1596.4	1582.3	120.5	.3	4.7	.0086	.168	.169	5	48.8
1063	4.846	.005	3	0	21425.	0.	21425.38	1.000	166.4	1596.4	1582.3	120.8	.3	4.7	.0086	.169	.169	5	48.8
1064	4.851	.005	3	0	21490.	0.	21490.48	1.000	166.8	1596.4	1582.3	121.2	.3	4.7	.0086	.170	.170	5	48.8
1065	4.857	.005	3	0	21556.	0.	21556.11	1.000	167.1	1596.4	1582.3	121.5	.3	4.7	.0086	.170	.170	5	48.8
1066	4.862	.005	3	0	21622.	0.	21621.63	1.000	167.5	1596.4	1582.3	121.8	.3	4.7	.0086	.171	.170	5	48.8
1067	4.867	.005	3	0	21688.	0.	21687.67	1.000	167.8	1596.4	1582.3	122.2	.3	4.7	.0086	.171	.171	5	48.8
1068	4.873	.005	3	0	21754.	0.	21753.61	1.000	168.1	1596.4	1582.3	122.5	.3	4.7	.0086	.172	.171	5	48.8
1069	4.878	.005	3	0	21820.	0.	21820.06	1.000	168.5	1596.4	1582.3	122.9	.3	4.7	.0086	.172	.172	5	48.8
1070	4.884	.005	3	0	21887.	0.	21886.72	1.000	168.8	1596.4	1582.3	123.2	.3	4.7	.0086	.173	.172	5	48.8
1071	4.889	.005	3	0	21954.	0.	21953.60	1.000	169.2	1596.4	1582.3	123.6	.3	4.7	.0086	.173	.173	5	48.8
1072	4.894	.005	3	0	22021.	0.	22021.00	1.000	169.5	1596.4	1582.3	123.9	.3	4.7	.0086	.173	.173	5	48.8
1073	4.900	.005	3	0	22088.	0.	22088.29	1.000	169.9	1596.5	1582.3	124.3	.3	4.7	.0086	.174	.174	5	48.8
1074	4.905	.005	3	0	22156.	0.	22156.11	1.000	170.2	1596.5	1582.3	124.6	.3	4.7	.0086	.174	.174	5	48.8
1075	4.910	.005	3	0	22224.	0.	22223.84	1.000	170.6	1596.5	1582.3	125.0	.3	4.7	.0086	.175	.175	5	48.8
1076	4.916	.005	3	0	22292.	0.	22292.09	1.000	170.9	1596.5	1582.3	125.3	.4	4.7	.0086	.175	.175	5	48.8
1077	4.921	.005	3	0	22361.	0.	22360.56	1.000	171.3	1596.5	1582.3	125.7	.4	4.7	.0086	.176	.176	5	48.8
1078	4.926	.005	3	0	22429.	0.	22429.24	1.000	171.6	1596.5	1582.3	126.0	.4	4.7	.0086	.176	.176	5	48.8
1079	4.932	.005	3	0	22498.	0.	22498.15	1.000	172.0	1596.5	1582.3	126.4	.4	4.7	.0086	.177	.177	5	48.8
1080	4.937	.005	3	0	22567.	0.	22567.27	1.000	172.3	1596.5	1582.3	126.7	.4	4.7	.0086	.177	.177	5	48.8
1081	4.942	.005	3	0	22637.	0.	22636.92	1.000	172.7	1596.5	1582.3	127.1	.4	4.7	.0086	.178	.178	5	48.8

I	T	DTH	KG	KC	QTCT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1082	4.948	.005	3	0	22707.	0.	22706.77	1.000	173.1	1596.5	1582.3	127.4	.4	4.7	.0086	.179	.179	5	48.8
1083	4.953	.005	3	0	22777.	0.	22777.15	1.000	173.4	1596.5	1582.3	127.8	.4	4.7	.0086	.180	.180	5	48.8
1084	4.959	.005	3	0	22848.	0.	22847.75	1.000	173.8	1596.5	1582.3	128.2	.4	4.7	.0086	.180	.180	5	48.8
1085	4.964	.005	3	0	22918.	0.	22918.27	1.000	174.1	1596.5	1582.3	128.5	.4	4.7	.0086	.181	.181	5	48.8
1086	4.969	.005	3	0	22989.	0.	22989.32	1.000	174.5	1596.5	1582.3	128.9	.4	4.7	.0086	.181	.181	5	48.8
1087	4.975	.005	3	0	23061.	0.	23060.81	1.000	174.9	1596.5	1582.3	129.3	.4	4.7	.0086	.182	.182	5	48.8
1088	4.980	.005	3	0	23132.	0.	23132.44	1.000	175.2	1596.5	1582.3	129.6	.4	4.7	.0086	.182	.182	5	48.8
1089	4.985	.005	3	0	23204.	0.	23204.19	1.000	175.6	1596.5	1582.3	130.0	.4	4.7	.0086	.183	.183	5	48.8
1090	4.991	.005	3	0	23276.	0.	23276.16	1.000	176.0	1596.5	1582.3	130.3	.4	4.7	.0086	.183	.183	5	48.8
1091	4.996	.005	3	0	23349.	0.	23348.68	1.000	176.3	1596.5	1582.3	130.7	.4	4.7	.0086	.184	.184	5	48.8
1092	5.001	.005	3	0	23421.	0.	23421.12	1.000	176.7	1596.5	1582.3	131.1	.4	4.7	.0086	.184	.184	5	48.8
1093	5.007	.005	3	0	23494.	0.	23494.10	1.000	177.1	1596.5	1582.3	131.5	.4	4.7	.0086	.185	.185	5	48.8
1094	5.012	.005	3	0	23567.	0.	23567.33	1.000	177.4	1596.6	1582.3	131.8	.4	4.7	.0086	.185	.185	5	48.8
1095	5.017	.005	3	0	23640.	0.	23640.46	1.000	177.8	1596.6	1582.3	132.2	.4	4.7	.0086	.186	.186	5	48.8
1096	5.023	.005	3	0	23714.	0.	23714.15	1.000	178.2	1596.6	1582.3	132.6	.4	4.7	.0086	.186	.187	5	48.8
1097	5.028	.005	3	0	23788.	0.	23788.08	1.000	178.6	1596.6	1582.3	132.9	.4	4.7	.0086	.187	.188	5	48.8
1098	5.033	.005	3	0	23862.	0.	23862.24	1.000	178.9	1596.6	1582.3	133.3	.4	4.7	.0086	.188	.188	5	48.8
1099	5.039	.005	3	0	23937.	0.	23937.28	1.000	179.3	1596.6	1582.3	133.7	.4	4.7	.0086	.189	.189	5	48.8
1100	5.044	.005	3	0	24012.	0.	24012.22	1.000	179.7	1596.6	1582.3	134.1	.4	4.7	.0086	.190	.189	5	48.8
1101	5.050	.005	3	0	24087.	0.	24087.40	1.000	180.1	1596.6	1582.3	134.5	.4	4.7	.0086	.190	.190	5	48.8
1102	5.055	.005	3	0	24163.	0.	24163.16	1.000	180.4	1596.6	1582.3	134.8	.4	4.7	.0086	.191	.190	5	48.8
1103	5.060	.005	3	0	24239.	0.	24238.83	1.000	180.8	1596.6	1582.3	135.2	.4	4.7	.0086	.191	.191	5	48.8
1104	5.066	.005	3	0	24315.	0.	24315.08	1.000	181.2	1596.6	1582.3	135.6	.4	4.7	.0086	.192	.192	5	48.8
1105	5.071	.005	3	0	24391.	0.	24391.24	1.000	181.6	1596.6	1582.3	136.0	.4	4.7	.0086	.192	.192	5	48.8
1106	5.076	.005	3	0	24468.	0.	24467.98	1.000	182.0	1596.6	1582.3	136.4	.4	4.7	.0086	.193	.193	5	48.8
1107	5.082	.005	3	0	24545.	0.	24544.96	1.000	182.4	1596.6	1582.3	136.8	.4	4.7	.0086	.193	.193	5	48.8
1108	5.087	.005	3	0	24622.	0.	24622.20	1.000	182.8	1596.6	1582.3	137.1	.4	4.7	.0086	.194	.194	5	48.8
1109	5.092	.005	3	0	24699.	0.	24699.35	1.000	183.1	1596.6	1582.3	137.5	.4	4.7	.0086	.194	.194	5	48.8
1110	5.098	.005	3	0	24777.	0.	24777.03	1.000	183.5	1596.6	1582.3	137.9	.4	4.7	.0086	.195	.195	5	48.8
1111	5.103	.005	3	0	24855.	0.	24855.07	1.000	183.9	1596.6	1582.3	138.3	.4	4.7	.0086	.195	.195	5	48.8
1112	5.108	.005	3	0	24934.	0.	24933.65	1.000	184.3	1596.6	1582.3	138.7	.4	4.7	.0086	.196	.197	5	48.8
1113	5.114	.005	3	0	25012.	0.	25012.14	1.000	184.7	1596.7	1582.3	139.1	.4	4.7	.0086	.197	.197	5	48.8
1114	5.119	.005	3	0	25091.	0.	25090.88	1.000	185.1	1596.7	1582.3	139.5	.4	4.7	.0086	.197	.198	5	48.8

1115	5.125	.005	3	0	25170.	0.	25170.20	1.000	185.5	1596.7	1582.3	139.9	.4	4.8	.0086	.199	.199	5	48.8
1116	5.130	.005	3	0	25250.	0.	25250.12	1.000	185.9	1596.7	1582.3	140.3	.4	4.8	.0086	.199	.199	5	48.8
1117	5.135	.005	3	0	25330.	0.	25329.95	1.000	186.3	1596.7	1582.3	140.7	.4	4.8	.0086	.200	.200	5	48.8
1118	5.141	.005	3	0	25410.	0.	25410.04	1.000	186.7	1596.7	1582.3	141.1	.4	4.8	.0086	.200	.200	5	48.8
1119	5.146	.005	3	0	25491.	0.	25490.74	1.000	187.1	1596.7	1582.3	141.5	.4	4.8	.0086	.201	.201	5	48.8
1120	5.151	.005	3	0	25571.	0.	25571.35	1.000	187.5	1596.7	1582.3	141.9	.4	4.8	.0086	.202	.201	5	48.8
1121	5.157	.005	3	0	25653.	0.	25652.57	1.000	187.9	1596.7	1582.3	142.3	.4	4.8	.0086	.202	.202	5	48.8
1122	5.162	.005	3	0	25734.	0.	25734.06	1.000	188.3	1596.7	1582.3	142.7	.4	4.8	.0086	.203	.203	5	48.8
1123	5.167	.005	3	0	25815.	0.	25815.46	1.000	188.7	1596.7	1582.3	143.1	.4	4.8	.0086	.203	.203	5	48.8
1124	5.173	.005	3	0	25897.	0.	25897.48	1.000	189.1	1596.7	1582.3	143.5	.4	4.8	.0086	.204	.204	5	48.8
1125	5.178	.005	3	0	25980.	0.	25979.76	1.000	189.5	1596.7	1582.3	143.9	.4	4.8	.0086	.204	.204	5	48.8
1126	5.183	.005	3	0	26062.	0.	26061.96	1.000	190.0	1596.7	1582.3	144.3	.4	4.8	.0086	.205	.205	5	48.8
1127	5.189	.005	3	0	26145.	0.	26144.78	1.000	190.4	1596.7	1582.3	144.8	.4	4.8	.0086	.206	.206	5	48.8
1128	5.194	.005	3	0	26228.	0.	26227.87	1.000	190.8	1596.7	1582.3	145.2	.4	4.8	.0086	.206	.207	5	48.8
1129	5.199	.005	3	0	26312.	0.	26311.56	1.000	191.2	1596.7	1582.3	145.6	.4	4.8	.0086	.208	.208	5	48.8
1130	5.205	.005	3	0	26396.	0.	26395.53	1.000	191.6	1596.7	1582.3	146.0	.4	4.8	.0086	.208	.208	5	48.8
1131	5.210	.005	3	0	26479.	0.	26479.41	1.000	192.0	1596.7	1582.3	146.4	.4	4.8	.0086	.209	.209	5	48.8
1132	5.216	.005	3	0	26564.	0.	26563.56	1.000	192.4	1596.7	1582.3	146.8	.4	4.8	.0086	.210	.209	5	48.8
1133	5.221	.005	3	0	26648.	0.	26647.99	1.000	192.9	1596.8	1582.3	147.3	.4	4.8	.0086	.210	.210	5	48.8
1134	5.226	.005	3	0	26732.	0.	26732.33	1.000	193.3	1596.8	1582.3	147.7	.4	4.8	.0086	.211	.211	5	48.8
1135	5.232	.005	3	0	26817.	0.	26816.95	1.000	193.7	1596.8	1582.3	148.1	.4	4.8	.0086	.211	.211	5	48.8
1136	5.237	.005	3	0	26901.	0.	26901.47	1.000	194.1	1596.8	1582.3	148.5	.4	4.8	.0086	.212	.212	5	48.8
1137	5.242	.005	3	0	26986.	0.	26986.27	1.000	194.5	1596.8	1582.3	148.9	.4	4.8	.0086	.213	.212	5	48.8
1138	5.248	.005	3	0	27071.	0.	27071.35	1.000	195.0	1596.8	1582.3	149.4	.4	4.8	.0086	.213	.213	5	48.8
1139	5.253	.005	3	0	27156.	0.	27156.33	1.000	195.4	1596.8	1582.3	149.8	.4	4.8	.0086	.214	.214	5	48.8
1140	5.258	.005	3	0	27242.	0.	27241.59	1.000	195.8	1596.8	1582.3	150.2	.4	4.8	.0086	.214	.214	5	48.8
1141	5.264	.005	3	0	27327.	0.	27326.76	1.000	196.3	1596.8	1582.3	150.7	.4	4.8	.0086	.215	.215	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1142	5.269	.005	3	0	27412.	0.	27412.20	1.000	196.7	1596.8	1582.3	151.1	.4	4.8	.0086	.216	.215	5	48.8
1143	5.274	.005	3	0	27498.	0.	27497.54	1.000	197.1	1596.8	1582.3	151.5	.4	4.8	.0086	.216	.217	5	48.8
1144	5.280	.005	3	0	27583.	0.	27583.15	1.000	197.6	1596.8	1582.3	152.0	.4	4.8	.0086	.217	.218	5	48.8
1145	5.285	.005	3	0	27669.	0.	27669.05	1.000	198.0	1596.8	1582.3	152.4	.4	4.8	.0086	.217	.218	5	48.8
1146	5.291	.005	3	0	27755.	0.	27755.20	1.000	198.4	1596.8	1582.3	152.8	.4	4.8	.0086	.219	.219	5	48.8
1147	5.296	.005	3	0	27841.	0.	27841.25	1.000	198.9	1596.8	1582.3	153.3	.4	4.8	.0086	.220	.220	5	48.8
1148	5.301	.005	3	0	27928.	0.	27927.96	1.000	199.3	1596.8	1582.3	153.7	.4	4.8	.0086	.220	.220	5	48.8
1149	5.307	.005	3	0	28015.	0.	28014.56	1.000	199.8	1596.8	1582.3	154.2	.4	4.8	.0086	.221	.221	5	48.8
1150	5.312	.005	3	0	28101.	0.	28101.07	1.000	200.2	1596.8	1582.3	154.6	.4	4.8	.0086	.222	.222	5	48.8
1151	5.317	.005	3	0	28188.	0.	28187.86	1.000	200.7	1596.8	1582.3	155.0	.4	4.8	.0086	.222	.222	5	48.8
1152	5.323	.005	3	0	28275.	0.	28274.55	1.000	201.1	1596.8	1582.3	155.5	.4	4.8	.0086	.223	.223	5	48.8
1153	5.328	.005	3	0	28362.	0.	28361.89	1.000	201.5	1596.8	1582.3	155.9	.4	4.8	.0086	.224	.223	5	48.8
1154	5.333	.005	3	0	28449.	0.	28448.74	1.000	202.0	1596.8	1582.3	156.4	.4	4.8	.0086	.224	.224	5	48.8
1155	5.339	.005	3	0	28536.	0.	28535.88	1.000	202.4	1596.9	1582.3	156.8	.4	4.8	.0086	.225	.225	5	48.8
1156	5.344	.005	3	0	28623.	0.	28623.29	1.000	202.9	1596.9	1582.3	157.3	.5	4.8	.0086	.226	.225	5	48.8
1157	5.349	.005	3	0	28711.	0.	28710.98	1.000	203.3	1596.9	1582.3	157.7	.5	4.8	.0086	.226	.226	5	48.8
1158	5.355	.005	3	0	28799.	0.	28798.56	1.000	203.8	1596.9	1582.3	158.2	.5	4.8	.0086	.227	.227	5	48.8
1159	5.360	.005	3	0	28886.	0.	28886.04	1.000	204.3	1596.9	1582.3	158.6	.5	4.8	.0086	.227	.227	5	48.8
1160	5.365	.005	3	0	28974.	0.	28973.79	1.000	204.7	1596.9	1582.3	159.1	.5	4.8	.0086	.228	.228	5	48.8
1161	5.371	.005	3	0	29062.	0.	29061.82	1.000	205.2	1596.9	1582.3	159.6	.5	4.8	.0086	.229	.229	5	48.8
1162	5.376	.005	3	0	29150.	0.	29149.74	1.000	205.6	1596.9	1582.3	160.0	.5	4.8	.0086	.229	.229	5	48.8
1163	5.382	.005	3	0	29238.	0.	29237.94	1.000	206.1	1596.9	1582.3	160.5	.5	4.8	.0086	.230	.230	5	48.8
1164	5.387	.005	3	0	29326.	0.	29326.02	1.000	206.5	1596.9	1582.3	160.9	.5	4.8	.0086	.231	.231	5	48.8
1165	5.392	.005	3	0	29414.	0.	29414.38	1.000	207.0	1596.9	1582.3	161.4	.5	4.8	.0086	.231	.231	5	48.8
1166	5.398	.005	3	0	29503.	0.	29502.63	1.000	207.5	1596.9	1582.3	161.9	.5	4.8	.0086	.232	.232	5	48.8
1167	5.403	.005	3	0	29591.	0.	29591.15	1.000	207.9	1596.9	1582.3	162.3	.5	4.8	.0086	.233	.233	5	48.8
1168	5.408	.005	3	0	29680.	0.	29679.95	1.000	208.4	1596.9	1582.3	162.8	.5	4.8	.0086	.233	.233	5	48.8
1169	5.414	.005	3	0	29769.	0.	29768.63	1.000	208.9	1596.9	1582.3	163.3	.5	4.8	.0086	.234	.235	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1170	5.419	.005	3	0	29858.	0.	29857.59	1.000	209.3	1596.9	1582.3	163.7	.5	4.8	.0086	.235	.236	5	48.8
1171	5.424	.005	3	0	29946.	0.	29946.43	1.000	209.8	1596.9	1582.3	164.2	.5	4.8	.0086	.235	.236	5	48.8
1172	5.430	.005	3	0	30036.	0.	30035.54	1.000	210.3	1596.9	1582.3	164.7	.5	4.8	.0086	.236	.237	5	48.8
1173	5.435	.005	3	0	30125.	0.	30124.94	1.000	210.8	1596.9	1582.3	165.2	.5	4.8	.0086	.237	.238	5	48.8
1174	5.440	.005	3	0	30214.	0.	30213.81	1.000	211.2	1596.9	1582.3	165.6	.5	4.8	.0086	.237	.238	5	48.8
1175	5.446	.005	3	0	30303.	0.	30303.36	1.000	211.7	1596.9	1582.3	166.1	.5	4.8	.0086	.238	.239	5	48.8
1176	5.451	.005	3	0	30393.	0.	30392.78	1.000	212.2	1596.9	1582.3	166.6	.5	4.8	.0086	.239	.240	5	48.8
1177	5.457	.005	3	0	30482.	0.	30482.48	1.000	212.7	1596.9	1582.3	167.1	.5	4.8	.0086	.240	.241	5	48.8
1178	5.462	.005	3	0	30572.	0.	30572.44	1.000	213.2	1596.9	1582.3	167.5	.5	4.8	.0086	.241	.241	5	48.8
1179	5.467	.005	3	0	30662.	0.	30662.69	1.000	213.6	1596.9	1582.3	168.0	.5	4.8	.0086	.242	.242	5	48.8
1180	5.473	.005	3	0	30753.	0.	30752.81	1.000	214.1	1596.9	1582.3	168.5	.5	4.8	.0086	.243	.243	5	48.8
1181	5.478	.005	3	0	30843.	0.	30843.20	1.000	214.6	1596.9	1582.3	169.0	.5	4.8	.0086	.243	.243	5	48.8
1182	5.483	.005	3	0	30934.	0.	30933.88	1.000	215.1	1596.9	1582.3	169.5	.5	4.8	.0086	.244	.244	5	48.8
1183	5.489	.005	3	0	31024.	0.	31024.43	1.000	215.6	1596.9	1582.3	170.0	.5	4.8	.0086	.245	.245	5	48.8
1184	5.494	.005	3	0	31115.	0.	31114.84	1.000	216.1	1596.9	1582.3	170.5	.5	4.8	.0086	.246	.245	5	48.8
1185	5.499	.005	3	0	31206.	0.	31205.53	1.000	216.6	1596.9	1582.3	171.0	.5	4.8	.0086	.246	.246	5	48.8
1186	5.505	.005	3	0	31297.	0.	31296.50	1.000	217.1	1596.9	1582.3	171.5	.5	4.8	.0086	.247	.247	5	48.8
1187	5.510	.005	3	0	31387.	0.	31387.33	1.000	217.6	1597.0	1582.3	172.0	.5	4.8	.0086	.248	.248	5	48.8
1188	5.515	.005	3	0	31478.	0.	31478.45	1.000	218.1	1597.0	1582.3	172.4	.5	4.8	.0086	.248	.248	5	48.8
1189	5.521	.005	3	0	31569.	0.	31569.42	1.000	218.6	1597.0	1582.3	172.9	.5	4.8	.0086	.249	.249	5	48.8
1190	5.526	.005	3	0	31661.	0.	31660.67	1.000	219.1	1597.0	1582.3	173.4	.5	4.8	.0086	.250	.250	5	48.8
1191	5.532	.005	3	0	31752.	0.	31752.21	1.000	219.6	1597.0	1582.3	173.9	.5	4.8	.0086	.251	.250	5	48.8
1192	5.537	.005	3	0	31844.	0.	31843.59	1.000	220.1	1597.0	1582.3	174.4	.5	4.8	.0086	.251	.251	5	48.8
1193	5.542	.005	3	0	31935.	0.	31934.84	1.000	220.6	1597.0	1582.3	175.0	.5	4.8	.0086	.252	.252	5	48.8
1194	5.548	.005	3	0	32027.	0.	32026.79	1.000	221.1	1597.0	1582.3	175.5	.5	4.8	.0086	.253	.253	5	48.8
1195	5.553	.005	3	0	32118.	0.	32118.17	1.000	221.6	1597.0	1582.3	176.0	.5	4.8	.0086	.254	.253	5	48.8
1196	5.558	.005	3	0	32210.	0.	32209.82	1.000	222.1	1597.0	1582.3	176.5	.5	4.8	.0086	.254	.254	5	48.8
1197	5.564	.005	3	0	32302.	0.	32301.75	1.000	222.6	1597.0	1582.3	177.0	.5	4.8	.0086	.255	.255	5	48.8
1198	5.569	.005	3	0	32394.	0.	32393.96	1.000	223.1	1597.0	1582.3	177.5	.5	4.8	.0086	.256	.255	5	48.8
1199	5.574	.005	3	0	32486.	0.	32486.03	1.000	223.6	1597.0	1582.3	178.0	.5	4.8	.0086	.256	.256	5	48.8
1200	5.580	.005	3	0	32578.	0.	32577.94	1.000	224.1	1597.0	1582.3	178.5	.5	4.8	.0086	.257	.257	5	48.8
1201	5.585	.005	3	0	32670.	0.	32670.13	1.000	224.6	1597.0	1582.3	179.0	.5	4.8	.0086	.258	.258	5	48.8
1202	5.590	.005	3	0	32763.	0.	32762.59	1.000	225.2	1597.0	1582.3	179.6	.5	4.8	.0086	.259	.258	5	48.8
1203	5.596	.005	3	0	32855.	0.	32854.90	1.000	225.7	1597.0	1582.3	180.1	.5	4.8	.0086	.259	.259	5	48.8
1204	5.601	.005	3	0	32947.	0.	32946.62	1.000	226.2	1597.0	1582.3	180.6	.5	4.8	.0086	.259	.260	5	48.8
1205	5.606	.005	3	0	33039.	0.	33039.05	1.000	226.7	1597.0	1582.3	181.1	.5	4.8	.0086	.260	.261	5	48.8
1206	5.612	.005	3	0	33131.	0.	33130.89	1.000	227.2	1597.0	1582.3	181.6	.5	4.8	.0086	.260	.261	5	48.8
1207	5.617	.005	3	0	33223.	0.	33223.43	1.000	227.8	1597.0	1582.3	182.2	.5	4.8	.0086	.261	.262	5	48.8
1208	5.623	.005	3	0	33316.	0.	33315.82	1.000	228.3	1597.0	1582.3	182.7	.5	4.8	.0086	.262	.263	5	48.8
1209	5.628	.005	3	0	33408.	0.	33408.03	1.000	228.8	1597.0	1582.3	183.2	.5	4.8	.0086	.263	.264	5	48.8
1210	5.633	.005	3	0	33501.	0.	33500.52	1.000	229.3	1597.0	1582.3	183.7	.5	4.8	.0086	.263	.264	5	48.8
1211	5.639	.005	3	0	33593.	0.	33593.28	1.000	229.9	1597.0	1582.3	184.3	.5	4.8	.0086	.264	.265	5	48.8
1212	5.644	.005	3	0	33686.	0.	33685.87	1.000	230.4	1597.0	1582.3	184.8	.5	4.8	.0086	.265	.266	5	48.8
1213	5.649	.005	3	0	33778.	0.	33778.29	1.000	230.9	1597.0	1582.3	185.3	.5	4.8	.0086	.266	.265	5	48.8
1214	5.655	.005	3	0	33871.	0.	33870.98	1.000	231.5	1597.0	1582.3	185.9	.5	4.8	.0086	.266	.266	5	48.8
1215	5.660	.005	3	0	33964.	0.	33963.95	1.000	232.0	1597.0	1582.3	186.4	.5	4.8	.0086	.267	.267	5	48.8
1216	5.665	.005	3	0	34057.	0.	34056.73	1.000	232.5	1597.0	1582.3	186.9	.5	4.8	.0086	.268	.268	5	48.8
1217	5.671	.005	3	0	34150.	0.	34149.79	1.000	233.1	1597.0	1582.3	187.5	.5	4.8	.0086	.269	.269	5	48.8
1218	5.676	.005	3	0	34243.	0.	34243.12	1.000	233.6	1597.0	1582.3	188.0	.5	4.8	.0086	.270	.269	5	48.8
1219	5.681	.005	3	0	34336.	0.	34336.27	1.000	234.2	1597.0	1582.3	188.5	.5	4.8	.0086	.270	.270	5	48.8
1220	5.687	.005	3	0	34429.	0.	34429.24	1.000	234.7	1597.0	1582.3	189.1	.5	4.8	.0086	.271	.271	5	48.8
1221	5.692	.005	3	0	34522.	0.	34522.48	1.000	235.2	1597.0	1582.3	189.6	.5	4.8	.0086	.272	.272	5	48.8
1222	5.698	.005	3	0	34616.	0.	34616.00	1.000	235.8	1597.0	1582.3	190.2	.5	4.8	.0086	.273	.272	5	48.8
1223	5.703	.005	3	0	34709.	0.	34709.32	1.000	236.3	1597.0	1582.3	190.7	.5	4.8	.0086	.273	.273	5	48.8
1224	5.708	.005	3	0	34802.	0.	34802.46	1.000	236.9	1597.0	1582.3	191.3	.5	4.8	.0086	.274	.274	5	48.8

1225	5.714	.005	3	0	34896.	0.	34896.33	1.000	237.4	1597.0	1582.3	191.8	.5	4.8	.0086	.275	.275	5	48.8
1226	5.719	.005	3	0	34990.	0.	34989.54	1.000	238.0	1597.0	1582.3	192.4	.6	4.8	.0086	.276	.276	5	48.8
1227	5.724	.005	3	0	35083.	0.	35083.49	1.000	238.5	1597.0	1582.3	192.9	.6	4.8	.0086	.277	.276	5	48.8
1228	5.730	.005	3	0	35177.	0.	35177.25	1.000	239.1	1597.0	1582.3	193.5	.6	4.8	.0086	.277	.277	5	48.8
1229	5.735	.005	3	0	35271.	0.	35270.80	1.000	239.6	1597.0	1582.3	194.0	.6	4.8	.0086	.278	.278	5	48.8
1230	5.740	.005	3	0	35365.	0.	35364.64	1.000	240.2	1597.0	1582.3	194.6	.6	4.8	.0086	.279	.279	5	48.8
1231	5.746	.005	3	0	35458.	0.	35458.27	1.000	240.8	1597.0	1582.3	195.2	.6	4.8	.0086	.280	.280	5	48.8
1232	5.751	.005	3	0	35552.	0.	35552.16	1.000	241.3	1597.0	1582.3	195.7	.6	4.8	.0086	.281	.280	5	48.8
1233	5.756	.005	3	0	35646.	0.	35646.33	1.000	241.9	1597.0	1582.3	196.3	.6	4.8	.0086	.281	.281	5	48.8
1234	5.762	.005	3	0	35740.	0.	35740.29	1.000	242.4	1597.0	1582.3	196.8	.6	4.8	.0086	.282	.282	5	48.8
1235	5.767	.005	3	0	35834.	0.	35834.06	1.000	243.0	1597.0	1582.3	197.4	.6	4.8	.0086	.282	.283	5	48.8
1236	5.772	.005	3	0	35928.	0.	35927.62	1.000	243.6	1597.0	1582.3	198.0	.6	4.8	.0086	.283	.284	5	48.8
1237	5.778	.005	3	0	36021.	0.	36021.44	1.000	244.1	1597.0	1582.3	198.5	.6	4.8	.0086	.283	.284	5	48.8
1238	5.783	.005	3	0	36115.	0.	36115.05	1.000	244.7	1597.0	1582.3	199.1	.6	4.8	.0086	.284	.285	5	48.8
1239	5.789	.005	3	0	36209.	0.	36208.93	1.000	245.3	1597.0	1582.3	199.7	.6	4.8	.0086	.285	.285	5	48.8
1240	5.794	.005	3	0	36303.	0.	36302.59	1.000	245.9	1597.0	1582.3	200.2	.6	4.8	.0086	.286	.285	5	48.8
1241	5.799	.005	3	0	36397.	0.	36396.51	1.000	246.4	1597.0	1582.3	200.8	.6	4.8	.0086	.286	.286	5	48.8
1242	5.805	.005	3	0	36491.	0.	36490.70	1.000	247.0	1597.0	1582.3	201.4	.6	4.8	.0086	.287	.287	5	48.8
1243	5.810	.005	3	0	36585.	0.	36584.66	1.000	247.6	1597.0	1582.3	202.0	.6	4.8	.0086	.288	.288	5	48.8
1244	5.815	.005	3	0	36678.	0.	36678.41	1.000	248.2	1597.0	1582.3	202.5	.6	4.8	.0086	.289	.289	5	48.8
1245	5.821	.005	3	0	36772.	0.	36772.42	1.000	248.7	1597.0	1582.3	203.1	.6	4.8	.0086	.290	.290	5	48.8
1246	5.826	.005	3	0	36867.	0.	36866.59	1.000	249.3	1597.0	1582.3	203.7	.6	4.8	.0086	.291	.290	5	48.8
1247	5.831	.005	3	0	36961.	0.	36960.73	1.000	249.9	1597.0	1582.3	204.3	.6	4.8	.0086	.291	.291	5	48.8
1248	5.837	.005	3	0	37055.	0.	37055.04	1.000	250.5	1597.0	1582.3	204.9	.6	4.8	.0086	.292	.292	5	48.8
1249	5.842	.005	3	0	37149.	0.	37149.11	1.000	251.1	1597.0	1582.3	205.5	.6	4.8	.0086	.293	.293	5	48.8
1250	5.847	.005	3	0	37243.	0.	37243.45	1.000	251.7	1597.0	1582.3	206.0	.6	4.8	.0086	.294	.294	5	48.8
1251	5.853	.005	3	0	37338.	0.	37337.54	1.000	252.2	1597.0	1582.3	206.6	.6	4.8	.0086	.295	.295	5	48.8
1252	5.858	.005	3	0	37431.	0.	37431.42	1.000	252.8	1597.0	1582.3	207.2	.6	4.7	.0086	.294	.295	5	48.8
1253	5.864	.005	3	0	37526.	0.	37525.55	1.000	253.4	1597.0	1582.3	207.8	.6	4.7	.0086	.295	.295	5	48.8
1254	5.869	.005	3	0	37619.	0.	37619.45	1.000	254.0	1597.0	1582.3	208.4	.6	4.7	.0086	.296	.297	5	48.8
1255	5.874	.005	3	0	37713.	0.	37713.10	1.000	254.6	1597.0	1582.3	209.0	.6	4.7	.0086	.297	.296	5	48.8
1256	5.880	.005	3	0	37807.	0.	37807.00	1.000	255.2	1597.0	1582.3	209.6	.6	4.7	.0086	.298	.297	5	48.8
1257	5.885	.005	3	0	37901.	0.	37901.16	1.000	255.8	1597.0	1582.3	210.2	.6	4.7	.0086	.298	.298	5	48.8
1258	5.890	.005	3	0	37995.	0.	37995.08	1.000	256.4	1597.0	1582.3	210.8	.6	4.7	.0086	.299	.299	5	48.8
1259	5.896	.005	3	0	38089.	0.	38089.24	1.000	257.0	1597.0	1582.3	211.4	.6	4.7	.0086	.300	.300	5	48.8
1260	5.901	.005	3	0	38183.	0.	38183.16	1.000	257.6	1597.0	1582.3	212.0	.6	4.7	.0086	.301	.301	5	48.8
1261	5.906	.005	3	0	38277.	0.	38277.34	1.000	258.2	1597.0	1582.3	212.6	.6	4.7	.0086	.302	.302	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1262	5.912	.005	3	0	38371.	0.	38371.25	1.000	258.8	1597.0	1582.3	213.2	.6	4.7	.0086	.303	.302	5	48.8
1263	5.917	.005	3	0	38465.	0.	38465.42	1.000	259.4	1597.0	1582.3	213.8	.6	4.7	.0086	.303	.303	5	48.8
1264	5.922	.005	3	0	38559.	0.	38559.33	1.000	260.0	1597.0	1582.3	214.4	.6	4.7	.0086	.304	.304	5	48.8
1265	5.928	.005	3	0	38653.	0.	38653.49	1.000	260.6	1597.0	1582.3	215.0	.6	4.7	.0086	.305	.305	5	48.8
1266	5.933	.005	3	0	38747.	0.	38747.40	1.000	261.2	1597.0	1582.3	215.6	.6	4.7	.0086	.305	.306	5	48.8
1267	5.938	.005	3	0	38841.	0.	38841.04	1.000	261.9	1597.0	1582.3	216.2	.6	4.7	.0086	.305	.307	5	48.8
1268	5.944	.005	3	0	38934.	0.	38934.42	1.000	262.5	1596.9	1582.3	216.9	.6	4.7	.0086	.306	.306	5	48.8
1269	5.949	.005	3	0	39028.	0.	39028.04	1.000	263.1	1596.9	1582.3	217.5	.6	4.7	.0086	.307	.307	5	48.8
1270	5.955	.005	3	0	39122.	0.	39121.92	1.000	263.7	1596.9	1582.3	218.1	.6	4.7	.0086	.308	.308	5	48.8
1271	5.960	.005	3	0	39216.	0.	39215.51	1.000	264.3	1596.9	1582.3	218.7	.6	4.7	.0086	.309	.309	5	48.8
1272	5.965	.005	3	0	39309.	0.	39309.35	1.000	264.9	1596.9	1582.3	219.3	.6	4.7	.0086	.310	.310	5	48.8
1273	5.971	.005	3	0	39403.	0.	39402.92	1.000	265.6	1596.9	1582.3	219.9	.6	4.7	.0086	.311	.310	5	48.8
1274	5.976	.005	3	0	39497.	0.	39496.73	1.000	266.2	1596.9	1582.3	220.6	.6	4.7	.0086	.312	.311	5	48.8
1275	5.981	.005	3	0	39590.	0.	39590.27	1.000	266.8	1596.9	1582.3	221.2	.6	4.7	.0086	.312	.312	5	48.8
1276	5.987	.005	3	0	39684.	0.	39684.04	1.000	267.4	1596.9	1582.3	221.8	.6	4.7	.0086	.313	.313	5	48.8
1277	5.992	.005	3	0	39777.	0.	39777.01	1.000	268.1	1596.9	1582.3	222.4	.6	4.7	.0086	.313	.314	5	48.8
1278	5.997	.005	3	0	39870.	0.	39870.23	1.000	268.7	1596.9	1582.3	223.1	.6	4.7	.0086	.314	.315	5	48.8
1279	6.003	.005	3	0	39964.	0.	39963.68	1.000	269.3	1596.9	1582.3	223.7	.6	4.7	.0086	.314	.314	5	48.8

1280	6.008	.005	3	0	40057.	0.	40056.84	1.000	269.9	1596.9	1582.3	224.3	.6	4.7	.0086	.315	.315	5	48.8
1281	6.013	.005	3	0	40150.	0.	40149.72	1.000	270.6	1596.9	1582.3	225.0	.6	4.7	.0086	.316	.316	5	48.8
1282	6.019	.005	3	0	40243.	0.	40242.32	1.000	271.2	1596.9	1582.3	225.6	.6	4.7	.0086	.317	.317	5	48.8
1283	6.024	.005	3	0	40336.	0.	40336.16	1.000	271.8	1596.9	1582.3	226.2	.6	4.7	.0086	.318	.318	5	48.8
1284	6.030	.005	3	0	40429.	0.	40429.20	1.000	272.5	1596.9	1582.3	226.9	.6	4.7	.0086	.319	.319	5	48.8
1285	6.035	.005	3	0	40522.	0.	40522.48	1.000	273.1	1596.9	1582.3	227.5	.6	4.7	.0086	.320	.320	5	48.8
1286	6.040	.005	3	0	40615.	0.	40615.46	1.000	273.8	1596.9	1582.3	228.2	.6	4.7	.0086	.321	.320	5	48.8
1287	6.046	.005	3	0	40708.	0.	40708.14	1.000	274.4	1596.9	1582.3	228.8	.6	4.7	.0086	.320	.321	5	48.8
1288	6.051	.005	3	0	40801.	0.	40800.52	1.000	275.0	1596.9	1582.3	229.4	.6	4.7	.0086	.321	.321	5	48.8
1289	6.056	.005	3	0	40893.	0.	40893.12	1.000	275.7	1596.9	1582.3	230.1	.6	4.7	.0086	.322	.322	5	48.8
1290	6.062	.005	3	0	40986.	0.	40985.95	1.000	276.3	1596.9	1582.3	230.7	.6	4.7	.0086	.323	.322	5	48.8
1291	6.067	.005	3	0	41078.	0.	41078.48	1.000	277.0	1596.9	1582.3	231.4	.6	4.7	.0086	.324	.323	5	48.8
1292	6.072	.005	3	0	41171.	0.	41170.68	1.000	277.6	1596.9	1582.3	232.0	.6	4.7	.0086	.325	.324	5	48.8
1293	6.078	.005	3	0	41263.	0.	41263.11	1.000	278.3	1596.9	1582.3	232.7	.7	4.7	.0086	.325	.325	5	48.8
1294	6.083	.005	3	0	41355.	0.	41355.77	1.000	278.9	1596.9	1582.3	233.3	.7	4.7	.0086	.326	.326	5	48.8
1295	6.088	.005	3	0	41448.	0.	41448.10	1.000	279.6	1596.9	1582.3	234.0	.7	4.7	.0086	.327	.327	5	48.8
1296	6.094	.005	3	0	41540.	0.	41539.58	1.000	280.2	1596.9	1582.3	234.6	.7	4.7	.0086	.327	.328	5	48.8
1297	6.099	.005	3	0	41632.	0.	41631.82	1.000	280.9	1596.9	1582.3	235.3	.7	4.7	.0086	.327	.327	5	48.8
1298	6.104	.005	3	0	41723.	0.	41723.19	1.000	281.6	1596.9	1582.3	235.9	.7	4.7	.0086	.328	.328	5	48.8
1299	6.110	.005	3	0	41815.	0.	41815.33	1.000	282.2	1596.9	1582.3	236.6	.7	4.7	.0086	.329	.329	5	48.8
1300	6.115	.005	3	0	41907.	0.	41906.58	1.000	282.9	1596.8	1582.3	237.3	.7	4.7	.0086	.330	.330	5	48.8
1301	6.121	.005	3	0	41999.	0.	41998.60	1.000	283.5	1596.8	1582.3	237.9	.7	4.7	.0086	.331	.331	5	48.8
1302	6.126	.005	3	0	42090.	0.	42090.29	1.000	284.2	1596.8	1582.3	238.6	.7	4.7	.0086	.332	.332	5	48.8
1303	6.131	.005	3	0	42182.	0.	42181.63	1.000	284.9	1596.8	1582.3	239.3	.7	4.7	.0086	.333	.333	5	48.8
1304	6.137	.005	3	0	42273.	0.	42272.66	1.000	285.5	1596.8	1582.3	239.9	.7	4.7	.0086	.332	.334	5	48.8
1305	6.142	.005	3	0	42363.	0.	42363.33	1.000	286.2	1596.8	1582.3	240.6	.7	4.7	.0086	.333	.333	5	48.8
1306	6.147	.005	3	0	42455.	0.	42454.78	1.000	286.9	1596.8	1582.3	241.3	.7	4.7	.0086	.334	.334	5	48.8
1307	6.153	.005	3	0	42545.	0.	42545.31	1.000	287.5	1596.8	1582.3	241.9	.7	4.7	.0086	.335	.335	5	48.8
1308	6.158	.005	3	0	42636.	0.	42636.06	1.000	288.2	1596.8	1582.3	242.6	.7	4.7	.0086	.336	.336	5	48.8
1309	6.163	.005	3	0	42727.	0.	42727.01	1.000	288.9	1596.8	1582.3	243.3	.7	4.7	.0086	.337	.337	5	48.8
1310	6.169	.005	3	0	42818.	0.	42817.62	1.000	289.6	1596.8	1582.3	243.9	.7	4.7	.0086	.338	.338	5	48.8
1311	6.174	.005	3	0	42908.	0.	42908.41	1.000	290.2	1596.8	1582.3	244.6	.7	4.7	.0086	.339	.339	5	48.8
1312	6.179	.005	3	0	42998.	0.	42998.32	1.000	290.9	1596.8	1582.3	245.3	.7	4.7	.0086	.338	.339	5	48.8
1313	6.185	.005	3	0	43088.	0.	43088.42	1.000	291.6	1596.8	1582.3	246.0	.7	4.7	.0086	.339	.339	5	48.8
1314	6.190	.005	3	0	43178.	0.	43178.15	1.000	292.3	1596.8	1582.3	246.7	.7	4.7	.0086	.340	.340	5	48.8
1315	6.196	.005	3	0	43268.	0.	43268.09	1.000	293.0	1596.8	1582.3	247.3	.7	4.7	.0086	.341	.341	5	48.8
1316	6.201	.005	3	0	43358.	0.	43358.22	1.000	293.6	1596.8	1582.3	248.0	.7	4.7	.0086	.342	.342	5	48.8
1317	6.206	.005	3	0	43448.	0.	43447.98	1.000	294.3	1596.8	1582.3	248.7	.7	4.7	.0086	.343	.343	5	48.8
1318	6.212	.005	3	0	43538.	0.	43537.95	1.000	295.0	1596.8	1582.3	249.4	.7	4.7	.0086	.344	.343	5	48.8
1319	6.217	.005	3	0	43627.	0.	43626.98	1.000	295.7	1596.8	1582.3	250.1	.7	4.7	.0086	.343	.344	5	48.8
1320	6.222	.005	3	0	43717.	0.	43716.79	1.000	296.4	1596.8	1582.3	250.8	.7	4.7	.0086	.344	.344	5	48.8
1321	6.228	.005	3	0	43806.	0.	43806.21	1.000	297.1	1596.7	1582.3	251.5	.7	4.7	.0086	.345	.345	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1322	6.233	.005	3	0	43896.	0.	43895.84	1.000	297.8	1596.7	1582.3	252.2	.7	4.7	.0086	.346	.346	5	48.8
1323	6.238	.005	3	0	43985.	0.	43985.07	1.000	298.5	1596.7	1582.3	252.8	.7	4.7	.0086	.347	.347	5	48.8
1324	6.244	.005	3	0	44075.	0.	44074.50	1.000	299.2	1596.7	1582.3	253.5	.7	4.7	.0086	.348	.347	5	48.8
1325	6.249	.005	3	0	44164.	0.	44164.13	1.000	299.9	1596.7	1582.3	254.2	.7	4.7	.0086	.349	.348	5	48.8
1326	6.254	.005	3	0	44253.	0.	44253.39	1.000	300.5	1596.7	1582.3	254.9	.7	4.6	.0086	.348	.349	5	48.8
1327	6.260	.005	3	0	44343.	0.	44342.84	1.000	301.2	1596.7	1582.3	255.6	.7	4.6	.0086	.349	.349	5	48.8
1328	6.265	.005	3	0	44432.	0.	44431.90	1.000	301.9	1596.7	1582.3	256.3	.7	4.6	.0086	.350	.350	5	48.8
1329	6.270	.005	3	0	44521.	0.	44521.16	1.000	302.6	1596.7	1582.3	257.0	.7	4.6	.0086	.351	.351	5	48.8
1330	6.276	.005	3	0	44611.	0.	44610.59	1.000	303.3	1596.7	1582.3	257.7	.7	4.6	.0086	.352	.351	5	48.8
1331	6.281	.005	3	0	44700.	0.	44700.22	1.000	304.1	1596.7	1582.3	258.4	.7	4.6	.0086	.353	.352	5	48.8
1332	6.287	.005	3	0	44789.	0.	44788.89	1.000	304.8	1596.7	1582.3	259.1	.7	4.6	.0086	.352	.353	5	48.8
1333	6.292	.005	3	0	44878.	0.	44877.75	1.000	305.5	1596.7	1582.3	259.9	.7	4.6	.0086	.353	.354	5	48.8
1334	6.297	.005	3	0	44967.	0.	44966.78	1.000	306.2	1596.7	1582.3	260.6	.7	4.6	.0086	.354	.354	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1335	6.303	.005	3	0	45055.	0.	45055.42	1.000	306.9	1596.7	1582.3	261.3	.7	4.6	.0086	.355	.355	5	48.8
1336	6.308	.005	3	0	45145.	0.	45144.83	1.000	307.6	1596.7	1582.3	262.0	.7	4.6	.0086	.356	.356	5	48.8
1337	6.313	.005	3	0	45234.	0.	45233.84	1.000	308.3	1596.7	1582.3	262.7	.7	4.6	.0086	.357	.356	5	48.8
1338	6.319	.005	3	0	45322.	0.	45322.43	1.000	309.0	1596.7	1582.3	263.4	.7	4.6	.0086	.358	.357	5	48.8
1339	6.324	.005	3	0	45411.	0.	45411.23	1.000	309.7	1596.7	1582.3	264.1	.7	4.6	.0086	.357	.358	5	48.8
1340	6.329	.005	3	0	45500.	0.	45499.62	1.000	310.5	1596.6	1582.3	264.8	.7	4.6	.0086	.358	.358	5	48.8
1341	6.335	.005	3	0	45588.	0.	45588.18	1.000	311.2	1596.6	1582.3	265.6	.7	4.6	.0086	.359	.359	5	48.8
1342	6.340	.005	3	0	45677.	0.	45676.93	1.000	311.9	1596.6	1582.3	266.3	.7	4.6	.0086	.360	.360	5	48.8
1343	6.345	.005	3	0	45766.	0.	45765.86	1.000	312.6	1596.6	1582.3	267.0	.7	4.6	.0086	.361	.361	5	48.8
1344	6.351	.005	3	0	45854.	0.	45854.36	1.000	313.3	1596.6	1582.3	267.7	.7	4.6	.0086	.362	.362	5	48.8
1345	6.356	.005	3	0	45942.	0.	45942.48	1.000	314.1	1596.6	1582.3	268.4	.7	4.6	.0086	.361	.363	5	48.8
1346	6.362	.005	3	0	46031.	0.	46030.77	1.000	314.8	1596.6	1582.3	269.2	.7	4.6	.0086	.362	.362	5	48.8
1347	6.367	.005	3	0	46119.	0.	46118.62	1.000	315.5	1596.6	1582.3	269.9	.7	4.6	.0086	.363	.363	5	48.8
1348	6.372	.005	3	0	46207.	0.	46207.27	1.000	316.2	1596.6	1582.3	270.6	.7	4.6	.0086	.364	.364	5	48.8
1349	6.378	.005	3	0	46295.	0.	46295.48	1.000	317.0	1596.6	1582.3	271.4	.7	4.6	.0086	.365	.365	5	48.8
1350	6.383	.005	3	0	46383.	0.	46383.25	1.000	317.7	1596.6	1582.3	272.1	.7	4.6	.0086	.366	.366	5	48.8
1351	6.388	.005	3	0	46472.	0.	46471.81	1.000	318.4	1596.6	1582.3	272.8	.7	4.6	.0086	.367	.367	5	48.8
1352	6.394	.005	3	0	46559.	0.	46559.36	1.000	319.2	1596.6	1582.3	273.6	.7	4.6	.0086	.366	.368	5	48.8
1353	6.399	.005	3	0	46647.	0.	46647.07	1.000	319.9	1596.6	1582.3	274.3	.7	4.6	.0086	.367	.367	5	48.8
1354	6.404	.005	3	0	46735.	0.	46734.95	1.000	320.6	1596.6	1582.3	275.0	.7	4.6	.0086	.368	.368	5	48.8
1355	6.410	.005	3	0	46823.	0.	46823.02	1.000	321.4	1596.6	1582.3	275.8	.7	4.6	.0086	.369	.369	5	48.8
1356	6.415	.005	3	0	46911.	0.	46910.62	1.000	322.1	1596.6	1582.3	276.5	.7	4.6	.0086	.370	.370	5	48.8
1357	6.420	.005	3	0	46998.	0.	46998.39	1.000	322.9	1596.5	1582.3	277.2	.7	4.6	.0086	.371	.371	5	48.8
1358	6.426	.005	3	0	47086.	0.	47085.77	1.000	323.6	1596.5	1582.3	278.0	.7	4.6	.0086	.370	.372	5	48.8
1359	6.431	.005	3	0	47173.	0.	47172.67	1.000	324.3	1596.5	1582.3	278.7	.7	4.6	.0086	.371	.371	5	48.8
1360	6.436	.005	3	0	47260.	0.	47260.37	1.000	325.1	1596.5	1582.3	279.5	.7	4.6	.0086	.372	.372	5	48.8
1361	6.442	.005	3	0	47348.	0.	47347.61	1.000	325.8	1596.5	1582.3	280.2	.7	4.6	.0086	.373	.373	5	48.8
1362	6.447	.005	3	0	47434.	0.	47434.38	1.000	326.6	1596.5	1582.3	281.0	.7	4.6	.0086	.374	.374	5	48.8
1363	6.453	.005	3	0	47522.	0.	47521.95	1.000	327.3	1596.5	1582.3	281.7	.8	4.6	.0086	.375	.375	5	48.8
1364	6.458	.005	3	0	47608.	0.	47608.47	1.000	328.1	1596.5	1582.3	282.5	.7	4.6	.0086	.374	.376	5	48.8
1365	6.463	.005	3	0	47695.	0.	47695.14	1.000	328.8	1596.5	1582.3	283.2	.8	4.5	.0086	.375	.375	5	48.8
1366	6.469	.005	3	0	47782.	0.	47781.98	1.000	329.6	1596.5	1582.3	284.0	.8	4.6	.0086	.376	.376	5	48.8
1367	6.474	.005	3	0	47869.	0.	47868.99	1.000	330.3	1596.5	1582.3	284.7	.8	4.6	.0086	.377	.377	5	48.8
1368	6.479	.005	3	0	47956.	0.	47955.52	1.000	331.1	1596.5	1582.3	285.5	.8	4.6	.0086	.378	.378	5	48.8
1369	6.485	.005	3	0	48042.	0.	48041.62	1.000	331.8	1596.5	1582.3	286.2	.8	4.5	.0086	.378	.379	5	48.8
1370	6.490	.005	3	0	48128.	0.	48127.86	1.000	332.6	1596.5	1582.3	287.0	.8	4.5	.0086	.378	.378	5	48.8
1371	6.495	.005	3	0	48214.	0.	48213.63	1.000	333.4	1596.5	1582.3	287.8	.8	4.5	.0086	.379	.379	5	48.8
1372	6.501	.005	3	0	48300.	0.	48299.55	1.000	334.1	1596.4	1582.3	288.5	.8	4.5	.0086	.381	.380	5	48.8
1373	6.506	.005	3	0	48386.	0.	48385.64	1.000	334.9	1596.4	1582.3	289.3	.8	4.5	.0086	.382	.381	5	48.8
1374	6.511	.005	3	0	48472.	0.	48471.87	1.000	335.7	1596.4	1582.3	290.0	.8	4.5	.0086	.383	.382	5	48.8
1375	6.517	.005	3	0	48558.	0.	48557.58	1.000	336.4	1596.4	1582.3	290.8	.8	4.5	.0086	.382	.383	5	48.8
1376	6.522	.005	3	0	48643.	0.	48642.98	1.000	337.2	1596.4	1582.3	291.6	.8	4.5	.0086	.383	.382	5	48.8
1377	6.528	.005	3	0	48728.	0.	48728.43	1.000	337.9	1596.4	1582.3	292.3	.8	4.5	.0086	.384	.383	5	48.8
1378	6.533	.005	3	0	48814.	0.	48814.05	1.000	338.7	1596.4	1582.3	293.1	.8	4.5	.0086	.385	.384	5	48.8
1379	6.538	.005	3	0	48899.	0.	48899.14	1.000	339.5	1596.4	1582.3	293.9	.8	4.5	.0086	.386	.385	5	48.8
1380	6.544	.005	3	0	48985.	0.	48985.06	1.000	340.3	1596.4	1582.3	294.6	.8	4.5	.0086	.387	.386	5	48.8
1381	6.549	.005	3	0	49070.	0.	49069.87	1.000	341.0	1596.4	1582.3	295.4	.8	4.5	.0086	.386	.387	5	48.8
1382	6.554	.005	3	0	49154.	0.	49154.16	1.000	341.8	1596.4	1582.3	296.2	.8	4.5	.0086	.387	.387	5	48.8
1383	6.560	.005	3	0	49239.	0.	49239.26	1.000	342.6	1596.4	1582.3	297.0	.8	4.5	.0086	.388	.388	5	48.8
1384	6.565	.005	3	0	49323.	0.	49323.85	1.000	343.4	1596.4	1582.3	297.7	.8	4.5	.0086	.389	.389	5	48.8
1385	6.570	.005	3	0	49408.	0.	49408.57	1.000	344.1	1596.4	1582.3	298.5	.8	4.5	.0086	.390	.390	5	48.8
1386	6.576	.005	3	0	49493.	0.	49492.86	1.000	344.9	1596.4	1582.3	299.3	.8	4.5	.0086	.389	.391	5	48.8
1387	6.581	.005	3	0	49577.	0.	49576.61	1.000	345.7	1596.3	1582.3	300.1	.8	4.5	.0086	.390	.390	5	48.8
1388	6.586	.005	3	0	49661.	0.	49661.18	1.000	346.5	1596.3	1582.3	300.9	.8	4.5	.0086	.391	.391	5	48.8
1389	6.592	.005	3	0	49745.	0.	49745.21	1.000	347.3	1596.3	1582.3	301.7	.8	4.5	.0086	.392	.392	5	48.8

1390	6.597	.005	3	0	49829.	0.	49829.40	1.000	348.0	1596.3	1582.3	302.4	.8	4.5	.0086	.393	.393	5	48.8
1391	6.602	.005	3	0	49913.	0.	49913.05	1.000	348.8	1596.3	1582.3	303.2	.8	4.5	.0086	.394	.394	5	48.8
1392	6.608	.005	3	0	49996.	0.	49996.23	1.000	349.6	1596.3	1582.3	304.0	.8	4.5	.0086	.393	.395	5	48.8
1393	6.613	.005	3	0	50080.	0.	50080.23	1.000	350.4	1596.3	1582.3	304.8	.8	4.5	.0086	.394	.394	5	48.8
1394	6.619	.005	3	0	50163.	0.	50163.00	1.000	351.2	1596.3	1582.3	305.6	.8	4.5	.0086	.395	.395	5	48.8
1395	6.624	.005	3	0	50247.	0.	50246.59	1.000	352.0	1596.3	1582.3	306.4	.8	4.5	.0086	.396	.396	5	48.8
1396	6.629	.005	3	0	50330.	0.	50329.64	1.000	352.8	1596.3	1582.3	307.2	.8	4.5	.0086	.397	.397	5	48.8
1397	6.635	.005	3	0	50412.	0.	50412.22	1.000	353.6	1596.3	1582.3	308.0	.8	4.5	.0086	.396	.398	5	48.8
1398	6.640	.005	3	0	50495.	0.	50494.94	1.000	354.4	1596.3	1582.3	308.8	.8	4.5	.0086	.397	.397	5	48.8
1399	6.645	.005	3	0	50578.	0.	50577.79	1.000	355.2	1596.3	1582.3	309.6	.8	4.5	.0086	.398	.398	5	48.8
1400	6.651	.005	3	0	50660.	0.	50660.07	1.000	356.0	1596.2	1582.3	310.4	.8	4.5	.0086	.399	.399	5	48.8
1401	6.656	.005	3	0	50742.	0.	50742.49	1.000	356.8	1596.2	1582.3	311.2	.8	4.5	.0086	.400	.400	5	48.8
1402	6.661	.005	3	0	50824.	0.	50824.44	1.000	357.6	1596.2	1582.3	312.0	.8	4.5	.0086	.400	.401	5	48.8
1403	6.667	.005	3	0	50906.	0.	50906.51	1.000	358.4	1596.2	1582.3	312.8	.8	4.5	.0086	.401	.400	5	48.8
1404	6.672	.005	3	0	50988.	0.	50988.01	1.000	359.2	1596.2	1582.3	313.6	.8	4.5	.0086	.402	.401	5	48.8
1405	6.677	.005	3	0	51070.	0.	51069.64	1.000	360.0	1596.2	1582.3	314.4	.8	4.5	.0086	.403	.402	5	48.8
1406	6.683	.005	3	0	51151.	0.	51151.40	1.000	360.8	1596.2	1582.3	315.2	.8	4.5	.0086	.404	.403	5	48.8
1407	6.688	.005	3	0	51233.	0.	51232.68	1.000	361.6	1596.2	1582.3	316.0	.8	4.5	.0086	.403	.404	5	48.8
1408	6.694	.005	3	0	51313.	0.	51313.38	1.000	362.4	1596.2	1582.3	316.8	.8	4.5	.0086	.404	.403	5	48.8
1409	6.699	.005	3	0	51394.	0.	51394.20	1.000	363.2	1596.2	1582.3	317.6	.8	4.5	.0086	.405	.404	5	48.8
1410	6.704	.005	3	0	51475.	0.	51475.13	1.000	364.0	1596.2	1582.3	318.4	.8	4.5	.0086	.406	.405	5	48.8
1411	6.710	.005	3	0	51556.	0.	51556.20	1.000	364.8	1596.2	1582.3	319.2	.8	4.5	.0086	.407	.406	5	48.8
1412	6.715	.005	3	0	51636.	0.	51636.06	1.000	365.6	1596.2	1582.3	320.0	.8	4.4	.0086	.406	.408	5	48.8
1413	6.720	.005	3	0	51717.	0.	51716.75	1.000	366.5	1596.1	1582.3	320.9	.8	4.4	.0086	.407	.407	5	48.8
1414	6.726	.005	3	0	51797.	0.	51796.85	1.000	367.3	1596.1	1582.3	321.7	.8	4.4	.0086	.408	.408	5	48.8
1415	6.731	.005	3	0	51876.	0.	51875.37	1.000	368.1	1596.1	1582.3	322.5	.8	4.4	.0086	.409	.409	5	48.8
1416	6.736	.005	3	0	51957.	0.	51956.70	1.000	368.9	1596.1	1582.3	323.3	.8	4.4	.0086	.410	.410	5	48.8
1417	6.742	.005	3	0	52036.	0.	52035.82	1.000	369.7	1596.1	1582.3	324.1	.8	4.4	.0086	.409	.411	5	48.8
1418	6.747	.005	3	0	52115.	0.	52115.06	1.000	370.6	1596.1	1582.3	324.9	.8	4.4	.0086	.410	.410	5	48.8
1419	6.752	.005	3	0	52194.	0.	52194.41	1.000	371.4	1596.1	1582.3	325.8	.8	4.4	.0086	.411	.411	5	48.8
1420	6.758	.005	3	0	52274.	0.	52273.87	1.000	372.2	1596.1	1582.3	326.6	.8	4.4	.0086	.412	.412	5	48.8
1421	6.763	.005	3	0	52353.	0.	52352.72	1.000	373.0	1596.1	1582.3	327.4	.8	4.4	.0086	.413	.413	5	48.8
1422	6.768	.005	3	0	52431.	0.	52431.07	1.000	373.9	1596.1	1582.3	328.2	.8	4.4	.0086	.412	.414	5	48.8
1423	6.774	.005	3	0	52510.	0.	52509.52	1.000	374.7	1596.1	1582.3	329.1	.8	4.4	.0086	.413	.413	5	48.8
1424	6.779	.005	3	0	52588.	0.	52588.09	1.000	375.5	1596.1	1582.3	329.9	.8	4.4	.0086	.414	.414	5	48.8
1425	6.785	.005	3	0	52666.	0.	52666.04	1.000	376.3	1596.1	1582.3	330.7	.8	4.4	.0086	.415	.415	5	48.8
1426	6.790	.005	3	0	52744.	0.	52744.09	1.000	377.2	1596.0	1582.3	331.6	.8	4.4	.0086	.416	.416	5	48.8
1427	6.795	.005	3	0	52822.	0.	52821.62	1.000	378.0	1596.0	1582.3	332.4	.8	4.4	.0086	.415	.417	5	48.8
1428	6.801	.005	3	0	52899.	0.	52899.26	1.000	378.8	1596.0	1582.3	333.2	.8	4.4	.0086	.416	.416	5	48.8
1429	6.806	.005	3	0	52977.	0.	52977.00	1.000	379.7	1596.0	1582.3	334.1	.8	4.4	.0086	.417	.417	5	48.8
1430	6.811	.005	3	0	53054.	0.	53054.11	1.000	380.5	1596.0	1582.3	334.9	.8	4.4	.0086	.418	.418	5	48.8
1431	6.817	.005	3	0	53131.	0.	53130.71	1.000	381.3	1596.0	1582.3	335.7	.8	4.4	.0086	.418	.419	5	48.8
1432	6.822	.005	3	0	53207.	0.	53207.39	1.000	382.2	1596.0	1582.3	336.6	.8	4.4	.0086	.419	.418	5	48.8
1433	6.827	.005	3	0	53283.	0.	53283.45	1.000	383.0	1596.0	1582.3	337.4	.8	4.4	.0086	.420	.419	5	48.8
1434	6.833	.005	3	0	53360.	0.	53360.33	1.000	383.9	1596.0	1582.3	338.2	.8	4.4	.0086	.421	.420	5	48.8
1435	6.838	.005	3	0	53437.	0.	53436.58	1.000	384.7	1596.0	1582.3	339.1	.8	4.4	.0086	.422	.421	5	48.8
1436	6.843	.005	3	0	53512.	0.	53512.30	1.000	385.5	1596.0	1582.3	339.9	.8	4.4	.0086	.421	.422	5	48.8
1437	6.849	.005	3	0	53588.	0.	53588.11	1.000	386.4	1595.9	1582.3	340.8	.8	4.4	.0086	.422	.421	5	48.8
1438	6.854	.005	3	0	53663.	0.	53663.26	1.000	387.2	1595.9	1582.3	341.6	.8	4.4	.0086	.423	.422	5	48.8
1439	6.860	.005	3	0	53739.	0.	53738.52	1.000	388.1	1595.9	1582.3	342.5	.8	4.4	.0086	.424	.423	5	48.8
1440	6.865	.005	3	0	53814.	0.	53813.86	1.000	388.9	1595.9	1582.3	343.3	.8	4.4	.0086	.425	.425	5	48.8
1441	6.870	.005	3	0	53889.	0.	53888.68	1.000	389.8	1595.9	1582.3	344.2	.8	4.4	.0086	.424	.423	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1442	6.876	.005	3	0	53964.	0.	53963.57	1.000	390.6	1595.9	1582.3	345.0	.8	4.4	.0086	.425	.425	5	48.8
1443	6.881	.005	3	0	54038.	0.	54037.80	1.000	391.5	1595.9	1582.3	345.9	.9	4.4	.0086	.426	.426	5	48.8
1444	6.886	.005	3	0	54113.	0.	54112.88	1.000	392.3	1595.9	1582.3	346.7	.9	4.4	.0086	.427	.427	5	48.8

1445	6.892	.005	3	0	54187.	0.	54186.66	1.000	393.2	1595.9	1582.3	347.6	.9	4.3	.0086	.426	.428	5	48.8
1446	6.897	.005	3	0	54260.	0.	54259.77	1.000	394.0	1595.9	1582.3	348.4	.9	4.3	.0086	.427	.427	5	48.8
1447	6.902	.005	3	0	54334.	0.	54333.72	1.000	394.9	1595.9	1582.3	349.3	.9	4.3	.0086	.428	.428	5	48.8
1448	6.908	.005	3	0	54407.	0.	54407.00	1.000	395.8	1595.9	1582.3	350.1	.9	4.3	.0086	.429	.429	5	48.8
1449	6.913	.005	3	0	54480.	0.	54480.36	1.000	396.6	1595.8	1582.3	351.0	.9	4.3	.0086	.430	.430	5	48.8
1450	6.918	.005	3	0	54553.	0.	54553.17	1.000	397.5	1595.8	1582.3	351.9	.9	4.3	.0086	.429	.429	5	48.8
1451	6.924	.005	3	0	54626.	0.	54626.06	1.000	398.3	1595.8	1582.3	352.7	.9	4.3	.0086	.430	.430	5	48.8
1452	6.929	.005	3	0	54699.	0.	54699.03	1.000	399.2	1595.8	1582.3	353.6	.9	4.3	.0086	.431	.431	5	48.8
1453	6.934	.005	3	0	54771.	0.	54771.31	1.000	400.1	1595.8	1582.3	354.4	.9	4.3	.0086	.432	.432	5	48.8
1454	6.940	.005	3	0	54843.	0.	54843.04	1.000	400.9	1595.8	1582.3	355.3	.9	4.3	.0086	.431	.433	5	48.8
1455	6.945	.005	3	0	54915.	0.	54914.84	1.000	401.8	1595.8	1582.3	356.2	.9	4.3	.0086	.432	.432	5	48.8
1456	6.951	.005	3	0	54987.	0.	54986.72	1.000	402.7	1595.8	1582.3	357.0	.9	4.3	.0086	.433	.433	5	48.8
1457	6.956	.005	3	0	55058.	0.	55057.91	1.000	403.5	1595.8	1582.3	357.9	.9	4.3	.0086	.434	.434	5	48.8
1458	6.961	.005	3	0	55129.	0.	55128.53	1.000	404.4	1595.8	1582.3	358.8	.9	4.3	.0086	.433	.435	5	48.8
1459	6.967	.005	3	0	55199.	0.	55199.22	1.000	405.3	1595.8	1582.3	359.6	.9	4.3	.0086	.434	.434	5	48.8
1460	6.972	.005	3	0	55269.	0.	55269.99	1.000	406.1	1595.7	1582.3	360.5	.9	4.3	.0086	.435	.435	5	48.8
1461	6.977	.005	3	0	55341.	0.	55340.81	1.000	407.0	1595.7	1582.3	361.4	.9	4.3	.0086	.436	.436	5	48.8
1462	6.983	.005	3	0	55411.	0.	55410.93	1.000	407.9	1595.7	1582.3	362.3	.9	4.3	.0086	.437	.437	5	48.8
1463	6.988	.005	3	0	55481.	0.	55481.28	1.000	408.7	1595.7	1582.3	363.1	.9	4.3	.0086	.436	.436	5	48.8
1464	6.993	.005	3	0	55551.	0.	55550.91	1.000	409.6	1595.7	1582.3	364.0	.9	4.3	.0086	.437	.437	5	48.8
1465	6.999	.005	3	0	55621.	0.	55620.59	1.000	410.5	1595.7	1582.3	364.9	.9	4.3	.0086	.438	.438	5	48.8
1466	7.004	.005	3	0	55690.	0.	55689.56	1.000	411.4	1595.7	1582.3	365.8	.9	4.3	.0086	.440	.439	5	48.8
1467	7.009	.005	3	0	55759.	0.	55758.75	1.000	412.3	1595.7	1582.3	366.6	.9	4.3	.0086	.438	.440	5	48.8
1468	7.015	.005	3	0	55827.	0.	55827.21	1.000	413.1	1595.7	1582.3	367.5	.9	4.3	.0086	.439	.439	5	48.8
1469	7.020	.005	3	0	55896.	0.	55895.72	1.000	414.0	1595.7	1582.3	368.4	.9	4.3	.0086	.441	.440	5	48.8
1470	7.026	.005	3	0	55964.	0.	55964.30	1.000	414.9	1595.7	1582.3	369.3	.9	4.3	.0086	.442	.441	5	48.8
1471	7.031	.005	3	0	56032.	0.	56032.30	1.000	415.8	1595.6	1582.3	370.2	.9	4.3	.0086	.440	.442	5	48.8
1472	7.036	.005	3	0	56100.	0.	56099.57	1.000	416.7	1595.6	1582.3	371.0	.9	4.3	.0086	.442	.441	5	48.8
1473	7.042	.005	3	0	56168.	0.	56167.69	1.000	417.5	1595.6	1582.3	371.9	.9	4.3	.0086	.443	.442	5	48.8
1474	7.047	.005	3	0	56235.	0.	56235.06	1.000	418.4	1595.6	1582.3	372.8	.9	4.3	.0086	.444	.443	5	48.8
1475	7.052	.005	3	0	56302.	0.	56301.87	1.000	419.3	1595.6	1582.3	373.7	.9	4.3	.0086	.443	.444	5	48.8
1476	7.058	.005	3	0	56368.	0.	56367.92	1.000	420.2	1595.6	1582.3	374.6	.9	4.3	.0086	.444	.443	5	48.8
1477	7.063	.005	3	0	56435.	0.	56434.82	1.000	421.1	1595.6	1582.3	375.5	.9	4.3	.0086	.445	.444	5	48.8
1478	7.068	.005	3	0	56501.	0.	56500.98	1.000	422.0	1595.6	1582.3	376.4	.9	4.3	.0086	.446	.445	5	48.8
1479	7.074	.005	3	0	56567.	0.	56567.36	1.000	422.9	1595.6	1582.3	377.3	.9	4.2	.0086	.445	.446	5	48.8
1480	7.079	.005	3	0	56633.	0.	56632.98	1.000	423.8	1595.6	1582.3	378.2	.9	4.2	.0086	.446	.445	5	48.8
1481	7.084	.005	3	0	56699.	0.	56698.65	1.000	424.7	1595.5	1582.3	379.0	.9	4.2	.0086	.447	.446	5	48.8
1482	7.090	.005	3	0	56764.	0.	56763.55	1.000	425.6	1595.5	1582.3	379.9	.9	4.2	.0086	.448	.447	5	48.8
1483	7.095	.005	3	0	56829.	0.	56828.68	1.000	426.4	1595.5	1582.3	380.8	.9	4.2	.0086	.447	.448	5	48.8
1484	7.100	.005	3	0	56893.	0.	56893.05	1.000	427.3	1595.5	1582.3	381.7	.9	4.2	.0086	.448	.447	5	48.8
1485	7.106	.005	3	0	56957.	0.	56957.46	1.000	428.2	1595.5	1582.3	382.6	.9	4.2	.0086	.449	.448	5	48.8
1486	7.111	.005	3	0	57022.	0.	57021.92	1.000	429.1	1595.5	1582.3	383.5	.9	4.2	.0086	.450	.449	5	48.8
1487	7.117	.005	3	0	57086.	0.	57085.79	1.000	430.0	1595.5	1582.3	384.4	.9	4.2	.0086	.449	.450	5	48.8
1488	7.122	.005	3	0	57150.	0.	57149.69	1.000	430.9	1595.5	1582.3	385.3	.9	4.2	.0086	.450	.449	5	48.8
1489	7.127	.005	3	0	57213.	0.	57212.81	1.000	431.8	1595.5	1582.3	386.2	.9	4.2	.0086	.451	.450	5	48.8
1490	7.133	.005	3	0	57277.	0.	57276.79	1.000	432.7	1595.5	1582.3	387.1	.9	4.2	.0086	.452	.451	5	48.8
1491	7.138	.005	3	0	57339.	0.	57339.35	1.000	433.6	1595.4	1582.3	388.0	.9	4.2	.0086	.451	.452	5	48.8
1492	7.143	.005	3	0	57402.	0.	57401.96	1.000	434.5	1595.4	1582.3	388.9	.9	4.2	.0086	.452	.451	5	48.8
1493	7.149	.005	3	0	57464.	0.	57463.77	1.000	435.5	1595.4	1582.3	389.8	.9	4.2	.0086	.453	.452	5	48.8
1494	7.154	.005	3	0	57526.	0.	57526.44	1.000	436.4	1595.4	1582.3	390.7	.9	4.2	.0086	.454	.453	5	48.8
1495	7.159	.005	3	0	57588.	0.	57588.52	1.000	437.3	1595.4	1582.3	391.7	.9	4.2	.0086	.453	.454	5	48.8
1496	7.165	.005	3	0	57650.	0.	57649.80	1.000	438.2	1595.4	1582.3	392.6	.9	4.2	.0086	.454	.453	5	48.8
1497	7.170	.005	3	0	57711.	0.	57711.11	1.000	439.1	1595.4	1582.3	393.5	.9	4.2	.0086	.455	.454	5	48.8
1498	7.175	.005	3	0	57772.	0.	57772.45	1.000	440.0	1595.4	1582.3	394.4	.9	4.2	.0086	.456	.455	5	48.8
1499	7.181	.005	3	0	57833.	0.	57833.20	1.000	440.9	1595.4	1582.3	395.3	.9	4.2	.0086	.455	.456	5	48.8
1500	7.186	.005	3	0	57894.	0.	57893.95	1.000	441.8	1595.4	1582.3	396.2	.9	4.2	.0086	.456	.455	5	48.8
1501	7.192	.005	3	0	57954.	0.	57953.92	1.000	442.7	1595.3	1582.3	397.1	.9	4.2	.0086	.457	.456	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1502	7.197	.005	3	0	58015.	0.	58014.74	1.000	443.6	1595.3	1582.3	398.0	.9	4.2	.0086	.458	.457	5	48.8
1503	7.202	.005	3	0	58074.	0.	58074.11	1.000	444.6	1595.3	1582.3	398.9	.9	4.2	.0086	.456	.458	5	48.8
1504	7.208	.005	3	0	58134.	0.	58133.52	1.000	445.5	1595.3	1582.3	399.9	.9	4.2	.0086	.458	.457	5	48.8
1505	7.213	.005	3	0	58193.	0.	58192.94	1.000	446.4	1595.3	1582.3	400.8	.9	4.2	.0086	.459	.458	5	48.8
1506	7.218	.005	3	0	58252.	0.	58252.39	1.000	447.3	1595.3	1582.3	401.7	.9	4.2	.0086	.460	.459	5	48.8
1507	7.224	.005	3	0	58310.	0.	58310.38	1.000	448.2	1595.3	1582.3	402.6	.9	4.2	.0086	.458	.460	5	48.8
1508	7.229	.005	3	0	58369.	0.	58369.25	1.000	449.1	1595.3	1582.3	403.5	.9	4.2	.0086	.459	.459	5	48.8
1509	7.234	.005	3	0	58427.	0.	58427.27	1.000	450.1	1595.3	1582.3	404.4	.9	4.2	.0086	.461	.460	5	48.8
1510	7.240	.005	3	0	58485.	0.	58485.32	1.000	451.0	1595.3	1582.3	405.4	.9	4.2	.0086	.462	.461	5	48.8
1511	7.245	.005	3	0	58543.	0.	58542.75	1.000	451.9	1595.2	1582.3	406.3	.9	4.1	.0086	.460	.460	5	48.8
1512	7.250	.005	3	0	58600.	0.	58600.21	1.000	452.8	1595.2	1582.3	407.2	.9	4.1	.0086	.461	.461	5	48.8
1513	7.256	.005	3	0	58658.	0.	58657.68	1.000	453.8	1595.2	1582.3	408.1	.9	4.1	.0086	.462	.462	5	48.8
1514	7.261	.005	3	0	58715.	0.	58715.15	1.000	454.7	1595.2	1582.3	409.1	.9	4.1	.0086	.463	.463	5	48.8
1515	7.266	.005	3	0	58771.	0.	58771.17	1.000	455.6	1595.2	1582.3	410.0	.9	4.1	.0086	.462	.462	5	48.8
1516	7.272	.005	3	0	58828.	0.	58828.05	1.000	456.5	1595.2	1582.3	410.9	.9	4.1	.0086	.463	.463	5	48.8
1517	7.277	.005	3	0	58884.	0.	58884.08	1.000	457.5	1595.2	1582.3	411.8	.9	4.1	.0086	.464	.464	5	48.8
1518	7.283	.005	3	0	58940.	0.	58939.50	1.000	458.4	1595.2	1582.3	412.8	.9	4.1	.0086	.463	.465	5	48.8
1519	7.288	.005	3	0	58995.	0.	58994.93	1.000	459.3	1595.2	1582.3	413.7	.9	4.1	.0086	.464	.464	5	48.8
1520	7.293	.005	3	0	59050.	0.	59050.36	1.000	460.2	1595.2	1582.3	414.6	.9	4.1	.0086	.465	.465	5	48.8
1521	7.299	.005	3	0	59105.	0.	59104.94	1.000	461.2	1595.1	1582.3	415.6	.9	4.1	.0086	.466	.466	5	48.8
1522	7.304	.005	3	0	59160.	0.	59159.76	1.000	462.1	1595.1	1582.3	416.5	.9	4.1	.0086	.465	.467	5	48.8
1523	7.309	.005	3	0	59214.	0.	59213.73	1.000	463.0	1595.1	1582.3	417.4	.9	4.1	.0086	.466	.466	5	48.8
1524	7.315	.005	3	0	59267.	0.	59266.32	1.000	464.0	1595.1	1582.3	418.4	.9	4.1	.0086	.467	.467	5	48.8
1525	7.320	.005	3	0	59319.	0.	59319.04	1.000	464.9	1595.1	1582.3	419.3	.9	4.1	.0086	.468	.468	5	48.8
1526	7.325	.005	3	0	59370.	0.	59369.76	1.000	465.8	1595.1	1582.3	420.2	.9	4.1	.0086	.467	.467	5	48.8
1527	7.331	.005	3	0	59420.	0.	59419.60	1.000	466.8	1595.1	1582.3	421.2	.9	4.1	.0086	.468	.468	5	48.8
1528	7.336	.005	3	0	59469.	0.	59468.55	1.000	467.7	1595.1	1582.3	422.1	.9	4.1	.0086	.469	.469	5	48.8
1529	7.341	.005	3	0	59516.	0.	59516.00	1.000	468.7	1595.1	1582.3	423.0	.9	4.1	.0086	.468	.470	5	48.8
1530	7.347	.005	3	0	59563.	0.	59563.41	1.000	469.6	1595.0	1582.3	424.0	.9	4.1	.0086	.469	.468	5	48.8
1531	7.352	.005	3	0	59609.	0.	59609.05	1.000	470.5	1595.0	1582.3	424.9	.9	4.1	.0086	.470	.469	5	48.8
1532	7.358	.005	3	0	59655.	0.	59654.66	1.000	471.5	1595.0	1582.3	425.9	.9	4.1	.0086	.471	.470	5	48.8
1533	7.363	.005	3	0	59699.	0.	59698.75	1.000	472.4	1595.0	1582.3	426.8	.9	4.1	.0086	.470	.469	5	48.8
1534	7.368	.005	3	0	59741.	0.	59741.05	1.000	473.4	1595.0	1582.3	427.7	.9	4.1	.0086	.471	.470	5	48.8
1535	7.374	.005	3	0	59783.	0.	59783.30	1.000	474.3	1595.0	1582.3	428.7	.9	4.1	.0086	.472	.471	5	48.8
1536	7.379	.005	3	0	59824.	0.	59824.02	1.000	475.2	1595.0	1582.3	429.6	.9	4.1	.0086	.470	.472	5	48.8
1537	7.384	.005	3	0	59864.	0.	59863.80	1.000	476.2	1595.0	1582.3	430.6	.9	4.1	.0086	.471	.471	5	48.8
1538	7.390	.005	3	0	59904.	0.	59903.54	1.000	477.1	1595.0	1582.3	431.5	.9	4.1	.0086	.472	.472	5	48.8
1539	7.395	.005	3	0	59941.	0.	59940.84	1.000	478.1	1594.9	1582.3	432.5	.9	4.1	.0086	.471	.473	5	48.8
1540	7.400	.005	3	0	59978.	0.	59978.09	1.000	479.0	1594.9	1582.3	433.4	.9	4.1	.0086	.472	.472	5	48.8
1541	7.406	.005	3	0	60014.	0.	60013.51	1.000	480.0	1594.9	1582.3	434.3	.9	4.1	.0086	.473	.473	5	48.8
1542	7.411	.005	3	0	60048.	0.	60048.24	1.000	480.9	1594.9	1582.3	435.3	.9	4.0	.0086	.472	.474	5	48.8
1543	7.416	.005	3	0	60082.	0.	60082.02	1.000	481.8	1594.9	1582.3	436.2	.9	4.0	.0086	.473	.473	5	48.8
1544	7.422	.005	3	0	60115.	0.	60114.84	1.000	482.8	1594.9	1582.3	437.2	.9	4.0	.0086	.474	.474	5	48.8
1545	7.427	.005	3	0	60146.	0.	60146.09	1.000	483.7	1594.9	1582.3	438.1	.9	4.0	.0086	.473	.475	5	48.8
1546	7.432	.005	3	0	60176.	0.	60176.37	1.000	484.7	1594.9	1582.3	439.1	.9	4.0	.0086	.474	.473	5	48.8
1547	7.438	.005	3	0	60207.	0.	60206.57	1.000	485.6	1594.8	1582.3	440.0	.9	4.0	.0086	.475	.474	5	48.8
1548	7.443	.005	3	0	60234.	0.	60234.29	1.000	486.6	1594.8	1582.3	441.0	.9	4.0	.0086	.473	.475	5	48.8
1549	7.449	.005	3	0	60262.	0.	60261.93	1.000	487.5	1594.8	1582.3	441.9	.9	4.0	.0086	.474	.474	5	48.8
1550	7.454	.005	3	0	60289.	0.	60288.59	1.000	488.5	1594.8	1582.3	442.9	1.0	4.0	.0086	.475	.475	5	48.8
1551	7.459	.005	3	0	60314.	0.	60313.64	1.000	489.4	1594.8	1582.3	443.8	.9	4.0	.0086	.474	.476	5	48.8
1552	7.465	.005	3	0	60338.	0.	60337.70	1.000	490.4	1594.8	1582.3	444.3	1.0	4.0	.0086	.475	.475	5	48.8
1553	7.470	.005	3	0	60362.	0.	60361.68	1.000	491.3	1594.8	1582.3	445.7	1.0	4.0	.0086	.476	.476	5	48.8
1554	7.475	.005	3	0	60384.	0.	60384.04	1.000	492.3	1594.7	1582.3	446.7	.9	4.0	.0086	.475	.474	5	48.8
1555	7.481	.005	3	0	60404.	0.	60404.49	1.000	493.2	1594.7	1582.3	447.6	1.0	4.0	.0086	.476	.475	5	48.8
1556	7.486	.005	3	0	60425.	0.	60424.85	1.000	494.2	1594.7	1582.3	448.6	1.0	4.0	.0086	.477	.477	5	48.8
1557	7.491	.005	3	0	60444.	0.	60444.50	1.000	495.1	1594.7	1582.3	449.5	1.0	4.0	.0086	.476	.475	5	48.8
1558	7.497	.005	3	0	60462.	0.	60462.21	1.000	496.1	1594.7	1582.3	450.5	1.0	4.0	.0086	.477	.476	5	48.8
1559	7.502	.005	3	0	60479.	0.	60479.23	1.000	497.0	1594.7	1582.3	451.4	1.0	4.0	.0086	.475	.477	5	48.8

1560	7.507	.005	3	0	60494.	0.	60494.29	1.000	498.0	1594.7	1582.3	452.4	1.0	4.0	.0086	.476	.476	5	48.8
1561	7.513	.005	3	0	60509.	0.	60509.25	1.000	499.0	1594.6	1582.3	453.3	1.0	4.0	.0086	.477	.477	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1562	7.518	.005	3	0	60523.	0.	60523.50	1.000	499.9	1594.6	1582.3	454.3	1.0	4.0	.0086	.476	.476	5	48.8
1563	7.524	.005	3	0	60536.	0.	60535.79	1.000	500.9	1594.6	1582.3	455.2	1.0	4.0	.0086	.477	.477	5	48.8
1564	7.529	.005	3	0	60548.	0.	60547.96	1.000	501.8	1594.6	1582.3	456.2	1.0	4.0	.0086	.478	.478	5	48.8
1565	7.534	.005	3	0	60558.	0.	60557.56	1.000	502.8	1594.6	1582.3	457.2	1.0	3.9	.0086	.477	.476	5	48.8
1566	7.540	.005	3	0	60567.	0.	60567.04	1.000	503.7	1594.6	1582.3	458.1	1.0	3.9	.0086	.478	.477	5	48.8
1567	7.545	.005	3	0	60576.	0.	60575.80	1.000	504.7	1594.6	1582.3	459.1	1.0	3.9	.0086	.476	.478	5	48.8
1568	7.550	.005	3	0	60583.	0.	60582.58	1.000	505.6	1594.5	1582.3	460.0	1.0	3.9	.0086	.477	.477	5	48.8
1569	7.555	.005	3	0	60589.	0.	60589.23	1.000	506.6	1594.5	1582.3	461.0	1.0	3.9	.0086	.478	.478	5	48.8
1570	7.561	.005	3	0	60594.	0.	60594.21	1.000	507.5	1594.5	1582.3	461.9	1.0	3.9	.0086	.477	.476	5	48.8
1571	7.566	.005	3	0	60598.	0.	60598.15	1.000	508.5	1594.5	1582.3	462.9	1.0	3.9	.0086	.478	.477	5	48.8
1572	7.572	.005	3	0	60601.	0.	60601.34	1.000	509.4	1594.5	1582.3	463.8	1.0	3.9	.0086	.476	.478	5	48.8
1573	7.577	.005	3	0	60603.	0.	60603.46	1.000	510.4	1594.5	1582.3	464.8	1.0	3.9	.0086	.477	.477	5	48.8
1574	7.582	.005	3	0	60605.	0.	60604.51	1.000	511.4	1594.4	1582.3	465.7	1.0	3.9	.0086	.478	.478	5	48.8
1575	7.588	.005	3	0	60604.	0.	60603.89	1.000	512.3	1594.4	1582.3	466.7	1.0	3.9	.0086	.477	.477	5	48.8
1576	7.593	.005	3	0	60602.	0.	60602.19	1.000	513.3	1594.4	1582.3	467.7	1.0	3.9	.0086	.478	.478	5	48.8
1577	7.598	.005	3	0	60600.	0.	60599.74	1.000	514.2	1594.4	1582.3	468.6	1.0	3.9	.0086	.477	.476	5	48.8
1578	7.604	.005	3	0	60596.	0.	60596.22	1.000	515.2	1594.4	1582.3	469.6	1.0	3.9	.0086	.478	.477	5	48.8
1579	7.609	.005	3	0	60592.	0.	60591.95	1.000	516.1	1594.4	1582.3	470.5	1.0	3.9	.0086	.476	.478	5	48.8
1580	7.615	.005	3	0	60586.	0.	60585.64	1.000	517.1	1594.3	1582.3	471.5	1.0	3.9	.0086	.477	.477	5	48.8
1581	7.620	.005	3	0	60579.	0.	60579.19	1.000	518.0	1594.3	1582.3	472.4	1.0	3.9	.0086	.478	.478	5	48.8
1582	7.625	.005	3	0	60571.	0.	60571.04	1.000	519.0	1594.3	1582.3	473.4	1.0	3.9	.0086	.477	.476	5	48.8
1583	7.631	.005	3	0	60562.	0.	60562.73	1.000	520.0	1594.3	1582.3	474.3	1.0	3.9	.0086	.478	.477	5	48.8
1584	7.636	.005	3	0	60553.	0.	60552.75	1.000	520.9	1594.3	1582.3	475.3	1.0	3.9	.0086	.476	.476	5	48.8
1585	7.641	.005	3	0	60542.	0.	60541.54	1.000	521.9	1594.3	1582.3	476.2	1.0	3.9	.0086	.477	.477	5	48.8
1586	7.647	.005	3	0	60529.	0.	60528.86	1.000	522.8	1594.3	1582.3	477.2	1.0	3.8	.0086	.476	.476	5	48.8
1587	7.652	.005	3	0	60516.	0.	60515.89	1.000	523.8	1594.2	1582.3	478.2	1.0	3.8	.0086	.477	.477	5	48.8
1588	7.657	.005	3	0	60501.	0.	60501.23	1.000	524.7	1594.2	1582.3	479.1	1.0	3.8	.0086	.476	.478	5	48.8
1589	7.663	.005	3	0	60485.	0.	60485.46	1.000	525.7	1594.2	1582.3	480.1	1.0	3.8	.0086	.477	.476	5	48.8
1590	7.668	.005	3	0	60469.	0.	60468.94	1.000	526.6	1594.2	1582.3	481.0	1.0	3.8	.0086	.475	.477	5	48.8
1591	7.673	.005	3	0	60451.	0.	60451.28	1.000	527.6	1594.2	1582.3	482.0	1.0	3.8	.0086	.476	.476	5	48.8
1592	7.679	.005	3	0	60432.	0.	60432.50	1.000	528.5	1594.1	1582.3	482.9	1.0	3.8	.0086	.477	.477	5	48.8
1593	7.684	.005	3	0	60413.	0.	60412.96	1.000	529.5	1594.1	1582.3	483.9	1.0	3.8	.0086	.476	.475	5	48.8
1594	7.690	.005	3	0	60392.	0.	60392.29	1.000	530.4	1594.1	1582.3	484.8	1.0	3.8	.0086	.477	.476	5	48.8
1595	7.695	.005	3	0	60370.	0.	60369.92	1.000	531.4	1594.1	1582.3	485.8	1.0	3.8	.0086	.475	.475	5	48.8
1596	7.700	.005	3	0	60347.	0.	60347.36	1.000	532.3	1594.1	1582.3	486.7	1.0	3.8	.0086	.476	.476	5	48.8
1597	7.706	.005	3	0	60323.	0.	60323.09	1.000	533.3	1594.1	1582.3	487.7	.9	3.8	.0086	.475	.474	5	48.8
1598	7.711	.005	3	0	60299.	0.	60298.64	1.000	534.2	1594.0	1582.3	488.6	1.0	3.8	.0086	.476	.475	5	48.8
1599	7.716	.005	3	0	60272.	0.	60271.51	1.000	535.2	1594.0	1582.3	489.6	.9	3.8	.0086	.474	.474	5	48.8
1600	7.722	.005	3	0	60245.	0.	60245.17	1.000	536.1	1594.0	1582.3	490.5	1.0	3.8	.0086	.475	.475	5	48.8
1601	7.727	.005	3	0	60216.	0.	60215.14	1.000	537.1	1594.0	1582.3	491.5	.9	3.8	.0086	.474	.473	5	48.8
1602	7.732	.005	3	0	60187.	0.	60186.92	1.000	538.0	1594.0	1582.3	492.4	.9	3.8	.0086	.475	.474	5	48.8
1603	7.738	.005	3	0	60156.	0.	60155.98	1.000	539.0	1594.0	1582.3	493.4	.9	3.8	.0086	.473	.473	5	48.8
1604	7.743	.005	3	0	60125.	0.	60124.86	1.000	539.9	1593.9	1582.3	494.3	.9	3.8	.0086	.474	.474	5	48.8
1605	7.748	.005	3	0	60092.	0.	60092.02	1.000	540.9	1593.9	1582.3	495.3	.9	3.7	.0086	.473	.472	5	48.8
1606	7.754	.005	3	0	60058.	0.	60058.01	1.000	541.8	1593.9	1582.3	496.2	.9	3.7	.0086	.474	.473	5	48.8
1607	7.759	.005	3	0	60023.	0.	60023.26	1.000	542.8	1593.9	1582.3	497.1	.9	3.7	.0086	.472	.472	5	48.8
1608	7.764	.005	3	0	59987.	0.	59987.33	1.000	543.7	1593.9	1582.3	498.1	.9	3.7	.0086	.473	.473	5	48.8
1609	7.770	.005	3	0	59951.	0.	59950.56	1.000	544.7	1593.8	1582.3	499.0	.9	3.7	.0086	.472	.471	5	48.8
1610	7.775	.005	3	0	59913.	0.	59912.81	1.000	545.6	1593.8	1582.3	500.0	.9	3.7	.0086	.473	.472	5	48.8
1611	7.781	.005	3	0	59874.	0.	59874.21	1.000	546.5	1593.8	1582.3	500.9	.9	3.7	.0086	.471	.471	5	48.8
1612	7.786	.005	3	0	59833.	0.	59833.46	1.000	547.5	1593.8	1582.3	501.9	.9	3.7	.0086	.472	.472	5	48.8
1613	7.791	.005	3	0	59793.	0.	59792.95	1.000	548.4	1593.8	1582.3	502.8	.9	3.7	.0086	.471	.470	5	48.8
1614	7.797	.005	3	0	59751.	0.	59751.25	1.000	549.4	1593.7	1582.3	503.8	.9	3.7	.0086	.472	.471	5	48.8

1615	7.802	.005	3	0	59708.	0.	59707.82	1.000	550.3	1593.7	1582.3	504.7	.9	3.7	.0086	.470	.470	5	48.8
1616	7.807	.005	3	0	59663.	0.	59663.21	1.000	551.2	1593.7	1582.3	505.6	.9	3.7	.0086	.471	.471	5	48.8
1617	7.813	.005	3	0	59618.	0.	59617.85	1.000	552.2	1593.7	1582.3	506.6	.9	3.7	.0086	.470	.469	5	48.8
1618	7.818	.005	3	0	59572.	0.	59571.76	1.000	553.1	1593.7	1582.3	507.5	.9	3.7	.0086	.468	.470	5	48.8
1619	7.823	.005	3	0	59524.	0.	59524.47	1.000	554.1	1593.7	1582.3	508.5	.9	3.7	.0086	.469	.469	5	48.8
1620	7.829	.005	3	0	59475.	0.	59475.46	1.000	555.0	1593.6	1582.3	509.4	.9	3.7	.0086	.468	.469	5	48.8
1621	7.834	.005	3	0	59426.	0.	59426.24	1.000	555.9	1593.6	1582.3	510.3	.9	3.7	.0086	.468	.468	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1622	7.839	.005	3	0	59375.	0.	59375.29	1.000	556.9	1593.6	1582.3	511.3	.9	3.6	.0086	.467	.467	5	48.8
1623	7.845	.005	3	0	59324.	0.	59324.13	1.000	557.8	1593.6	1582.3	512.2	.9	3.6	.0086	.468	.467	5	48.8
1624	7.850	.005	3	0	59271.	0.	59271.25	1.000	558.7	1593.6	1582.3	513.1	.9	3.6	.0086	.466	.466	5	48.8
1625	7.856	.005	3	0	59218.	0.	59218.15	1.000	559.7	1593.5	1582.3	514.1	.9	3.6	.0086	.467	.467	5	48.8
1626	7.861	.005	3	0	59163.	0.	59163.33	1.000	560.6	1593.5	1582.3	515.0	.9	3.6	.0086	.466	.465	5	48.8
1627	7.866	.005	3	0	59108.	0.	59107.78	1.000	561.5	1593.5	1582.3	515.9	.9	3.6	.0086	.464	.466	5	48.8
1628	7.872	.005	3	0	59051.	0.	59051.02	1.000	562.5	1593.5	1582.3	516.8	.9	3.6	.0086	.465	.465	5	48.8
1629	7.877	.005	3	0	58994.	0.	58993.53	1.000	563.4	1593.5	1582.3	517.8	.9	3.6	.0086	.464	.466	5	48.8
1630	7.882	.005	3	0	58935.	0.	58934.83	1.000	564.3	1593.4	1582.3	518.7	.9	3.6	.0086	.465	.464	5	48.8
1631	7.888	.005	3	0	58875.	0.	58875.41	1.000	565.2	1593.4	1582.3	519.6	.9	3.6	.0086	.463	.463	5	48.8
1632	7.893	.005	3	0	58815.	0.	58814.76	1.000	566.2	1593.4	1582.3	520.6	.9	3.6	.0086	.464	.464	5	48.8
1633	7.898	.005	3	0	58753.	0.	58753.40	1.000	567.1	1593.4	1582.3	521.5	.9	3.6	.0086	.463	.462	5	48.8
1634	7.904	.005	3	0	58690.	0.	58690.33	1.000	568.0	1593.4	1582.3	522.4	.9	3.6	.0086	.461	.463	5	48.8
1635	7.909	.005	3	0	58627.	0.	58627.03	1.000	568.9	1593.3	1582.3	523.3	.9	3.6	.0086	.462	.462	5	48.8
1636	7.914	.005	3	0	58562.	0.	58562.02	1.000	569.9	1593.3	1582.3	524.3	.9	3.6	.0086	.460	.460	5	48.8
1637	7.920	.005	3	0	58497.	0.	58496.77	1.000	570.8	1593.3	1582.3	525.2	.9	3.6	.0086	.461	.461	5	48.8
1638	7.925	.005	3	0	58430.	0.	58429.82	1.000	571.7	1593.3	1582.3	526.1	.9	3.5	.0086	.460	.459	5	48.8
1639	7.930	.005	3	0	58363.	0.	58362.66	1.000	572.6	1593.3	1582.3	527.0	.9	3.5	.0086	.461	.460	5	48.8
1640	7.936	.005	3	0	58294.	0.	58293.77	1.000	573.5	1593.2	1582.3	527.9	.9	3.5	.0086	.459	.459	5	48.8
1641	7.941	.005	3	0	58224.	0.	58224.17	1.000	574.5	1593.2	1582.3	528.8	.9	3.5	.0086	.458	.460	5	48.8
1642	7.947	.005	3	0	58154.	0.	58154.17	1.000	575.4	1593.2	1582.3	529.8	.9	3.5	.0086	.459	.459	0	48.8
1643	7.952	.005	3	0	58083.	0.	58082.56	1.000	576.3	1593.2	1582.3	530.7	.9	3.5	.0086	.457	.456	5	48.8
1644	7.957	.005	3	0	58010.	0.	58009.55	1.000	577.2	1593.1	1582.3	531.6	.9	3.5	.0086	.457	.457	0	48.8
1645	7.963	.005	3	0	57936.	0.	57935.93	1.000	578.1	1593.1	1582.3	532.5	.9	3.5	.0086	.456	.455	5	48.8
1646	7.968	.005	3	0	57862.	0.	57861.91	1.000	579.0	1593.1	1582.3	533.4	.9	3.5	.0086	.456	.455	0	48.8
1647	7.973	.005	3	0	57786.	0.	57786.29	1.000	579.9	1593.1	1582.3	534.3	.9	3.5	.0086	.455	.454	5	48.8
1648	7.979	.005	3	0	57710.	0.	57710.27	1.000	580.8	1593.1	1582.3	535.2	.9	3.5	.0086	.455	.455	0	48.8
1649	7.984	.005	3	0	57633.	0.	57632.64	1.000	581.8	1593.0	1582.3	536.1	.9	3.5	.0086	.454	.453	5	48.8
1650	7.989	.005	3	0	57556.	0.	57555.63	1.000	582.7	1593.0	1582.3	537.0	.9	3.5	.0086	.454	.454	0	48.8
1651	7.995	.005	3	0	57476.	0.	57476.00	1.000	583.6	1593.0	1582.3	538.0	.9	3.5	.0086	.452	.452	5	48.8
1652	8.000	.005	3	0	57396.	0.	57395.98	1.000	584.5	1593.0	1582.3	538.9	.9	3.5	.0086	.452	.453	0	48.8
1653	8.005	.005	3	0	57315.	0.	57315.36	1.000	585.4	1593.0	1582.3	539.8	.9	3.5	.0086	.451	.451	5	48.8
1654	8.011	.005	3	0	57234.	0.	57234.35	1.000	586.3	1592.9	1582.3	540.7	.9	3.5	.0086	.451	.451	0	48.8
1655	8.016	.005	3	0	57152.	0.	57151.73	1.000	587.2	1592.9	1582.3	541.6	.9	3.4	.0086	.450	.450	5	48.8
1656	8.022	.005	3	0	57068.	0.	57067.73	1.000	588.1	1592.9	1582.3	542.5	.9	3.4	.0086	.450	.450	0	48.8
1657	8.027	.005	3	0	56984.	0.	56984.13	1.000	589.0	1592.9	1582.3	543.4	.9	3.4	.0086	.449	.449	5	48.8
1658	8.032	.005	3	0	56899.	0.	56898.84	1.000	589.9	1592.9	1582.3	544.3	.9	3.4	.0086	.448	.447	5	48.8
1659	8.038	.005	3	0	56812.	0.	56812.17	1.000	590.8	1592.8	1582.3	545.2	.9	3.4	.0086	.448	.448	0	48.8
1660	8.043	.005	3	0	56726.	0.	56726.14	1.000	591.7	1592.8	1582.3	546.0	.9	3.4	.0086	.448	.447	5	48.8
1661	8.048	.005	3	0	56638.	0.	56638.36	1.000	592.5	1592.8	1582.3	546.9	.9	3.4	.0086	.444	.445	5	48.8
1662	8.054	.005	3	0	56552.	0.	56552.05	1.000	593.4	1592.8	1582.3	547.8	.9	3.4	.0086	.445	.446	5	48.8
1663	8.059	.005	3	0	56465.	0.	56464.51	1.000	594.3	1592.7	1582.3	548.7	.9	3.4	.0086	.446	.446	5	48.8
1664	8.064	.005	3	0	56376.	0.	56375.87	1.000	595.2	1592.7	1582.3	549.6	.9	3.4	.0086	.442	.443	5	48.8
1665	8.070	.005	3	0	56287.	0.	56287.00	1.000	596.1	1592.7	1582.3	550.5	.9	3.4	.0086	.443	.443	5	48.8
1666	8.075	.005	3	0	56198.	0.	56197.91	1.000	597.0	1592.7	1582.3	551.4	.9	3.4	.0086	.443	.444	5	48.8
1667	8.080	.005	3	0	56107.	0.	56106.73	1.000	597.9	1592.7	1582.3	552.3	.9	3.4	.0086	.440	.440	5	48.8
1668	8.086	.005	3	0	56015.	0.	56015.34	1.000	598.7	1592.6	1582.3	553.1	.9	3.4	.0086	.440	.441	5	48.8
1669	8.091	.005	3	0	55923.	0.	55922.71	1.000	599.6	1592.6	1582.3	554.0	.9	3.4	.0086	.441	.442	5	48.8

1670	8.096	.005	3	0	55830.	0.	55830.02	1.000	600.5	1592.6	1582.3	554.9	.9	3.3	.0086	.438	.438	5	48.8
1671	8.102	.005	3	0	55736.	0.	55736.11	1.000	601.4	1592.6	1582.3	555.8	.9	3.3	.0086	.438	.439	5	48.8
1672	8.107	.005	3	0	55641.	0.	55640.97	1.000	602.3	1592.5	1582.3	556.6	.9	3.3	.0086	.439	.440	5	48.8
1673	8.113	.005	3	0	55546.	0.	55545.78	1.000	603.1	1592.5	1582.3	557.5	.9	3.3	.0086	.435	.436	5	48.8
1674	8.118	.005	3	0	55449.	0.	55449.37	1.000	604.0	1592.5	1582.3	558.4	.9	3.3	.0086	.436	.437	5	48.8
1675	8.123	.005	3	0	55353.	0.	55352.74	1.000	604.9	1592.5	1582.3	559.3	.9	3.3	.0086	.437	.437	5	48.8
1676	8.129	.005	3	0	55255.	0.	55255.07	1.000	605.7	1592.5	1582.3	560.1	.9	3.3	.0086	.433	.434	5	48.8
1677	8.134	.005	3	0	55156.	0.	55156.17	1.000	606.6	1592.4	1582.3	561.0	.9	3.3	.0086	.434	.434	5	48.8
1678	8.139	.005	3	0	55057.	0.	55057.06	1.000	607.5	1592.4	1582.3	561.9	.9	3.3	.0086	.434	.435	5	48.8
1679	8.145	.005	3	0	54957.	0.	54956.92	1.000	608.3	1592.4	1582.3	562.7	.9	3.3	.0086	.431	.431	5	48.8
1680	8.150	.005	3	0	54856.	0.	54855.55	1.000	609.2	1592.4	1582.3	563.6	.9	3.3	.0086	.431	.432	5	48.8
1681	8.155	.005	3	0	54755.	0.	54754.99	1.000	610.1	1592.3	1582.3	564.5	.9	3.3	.0086	.432	.433	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1682	8.161	.005	3	0	54652.	0.	54652.41	1.000	610.9	1592.3	1582.3	565.3	.9	3.3	.0086	.428	.429	5	48.8
1683	8.166	.005	3	0	54550.	0.	54549.51	1.000	611.8	1592.3	1582.3	566.2	.9	3.3	.0086	.429	.430	5	48.8
1684	8.171	.005	3	0	54446.	0.	54445.60	1.000	612.6	1592.3	1582.3	567.0	.9	3.3	.0086	.430	.430	5	48.8
1685	8.177	.005	3	0	54342.	0.	54341.59	1.000	613.5	1592.3	1582.3	567.9	.9	3.2	.0086	.426	.427	5	48.8
1686	8.182	.005	3	0	54236.	0.	54236.37	1.000	614.3	1592.2	1582.3	568.7	.9	3.2	.0086	.427	.428	5	48.8
1687	8.188	.005	3	0	54131.	0.	54130.95	1.000	615.2	1592.2	1582.3	569.6	.9	3.2	.0086	.427	.428	5	48.8
1688	8.193	.005	3	0	54025.	0.	54024.54	1.000	616.0	1592.2	1582.3	570.4	.8	3.2	.0086	.424	.425	5	48.8
1689	8.198	.005	3	0	53917.	0.	53916.91	1.000	616.9	1592.2	1582.3	571.3	.8	3.2	.0086	.425	.425	5	48.8
1690	8.204	.005	3	0	53809.	0.	53809.08	1.000	617.7	1592.1	1582.3	572.1	.9	3.2	.0086	.425	.422	5	48.8
1691	8.209	.005	3	0	53701.	0.	53701.30	1.000	618.6	1592.1	1582.3	573.0	.8	3.2	.0086	.422	.422	5	48.8
1692	8.214	.005	3	0	53592.	0.	53592.30	1.000	619.4	1592.1	1582.3	573.8	.8	3.2	.0086	.422	.423	5	48.8
1693	8.220	.005	3	0	53482.	0.	53482.09	1.000	620.3	1592.1	1582.3	574.7	.8	3.2	.0086	.423	.419	5	48.8
1694	8.225	.005	3	0	53372.	0.	53371.94	1.000	621.1	1592.1	1582.3	575.5	.8	3.2	.0086	.419	.420	5	48.8
1695	8.230	.005	3	0	53260.	0.	53260.57	1.000	622.0	1592.0	1582.3	576.3	.8	3.2	.0086	.420	.421	5	48.8
1696	8.236	.005	3	0	53149.	0.	53149.29	1.000	622.8	1592.0	1582.3	577.2	.8	3.2	.0086	.416	.417	5	48.8
1697	8.241	.005	3	0	53036.	0.	53036.79	1.000	623.6	1592.0	1582.3	578.0	.8	3.2	.0086	.417	.418	5	48.8
1698	8.246	.005	3	0	52923.	0.	52923.08	1.000	624.5	1592.0	1582.3	578.9	.8	3.2	.0086	.418	.418	5	48.8
1699	8.252	.005	3	0	52809.	0.	52809.46	1.000	625.3	1591.9	1582.3	579.7	.8	3.1	.0086	.414	.415	5	48.8
1700	8.257	.005	3	0	52696.	0.	52695.66	1.000	626.1	1591.9	1582.3	580.5	.8	3.1	.0086	.415	.415	5	48.8
1701	8.262	.005	3	0	52581.	0.	52580.64	1.000	626.9	1591.9	1582.3	581.3	.8	3.1	.0086	.415	.416	5	48.8
1702	8.268	.005	3	0	52465.	0.	52464.73	1.000	627.8	1591.9	1582.3	582.2	.8	3.1	.0086	.412	.413	5	48.8
1703	8.273	.005	3	0	52350.	0.	52349.63	1.000	628.6	1591.9	1582.3	583.0	.8	3.1	.0086	.412	.413	5	48.8
1704	8.279	.005	3	0	52233.	0.	52233.34	1.000	629.4	1591.8	1582.3	583.8	.8	3.1	.0086	.413	.410	5	48.8
1705	8.284	.005	3	0	52116.	0.	52116.15	1.000	630.2	1591.8	1582.3	584.6	.8	3.1	.0086	.410	.410	5	48.8
1706	8.289	.005	3	0	51998.	0.	51997.77	1.000	631.1	1591.8	1582.3	585.5	.8	3.1	.0086	.410	.411	5	48.8
1707	8.295	.005	3	0	51880.	0.	51879.52	1.000	631.9	1591.8	1582.3	586.3	.8	3.1	.0086	.407	.407	5	48.8
1708	8.300	.005	3	0	51760.	0.	51760.07	1.000	632.7	1591.7	1582.3	587.1	.8	3.1	.0086	.407	.408	5	48.8
1709	8.305	.005	3	0	51641.	0.	51641.46	1.000	633.5	1591.7	1582.3	587.9	.8	3.1	.0086	.403	.403	5	48.8
1710	8.311	.005	3	0	51521.	0.	51520.97	1.000	634.3	1591.7	1582.3	588.7	.8	3.1	.0086	.404	.405	5	48.8
1711	8.316	.005	3	0	51400.	0.	51400.31	1.000	635.1	1591.7	1582.3	589.5	.8	3.1	.0086	.405	.406	5	48.8
1712	8.321	.005	3	0	51279.	0.	51279.46	1.000	635.9	1591.6	1582.3	590.3	.8	3.1	.0086	.405	.402	5	48.8
1713	8.327	.005	3	0	51158.	0.	51157.77	1.000	636.7	1591.6	1582.3	591.1	.8	3.1	.0086	.402	.403	5	48.8
1714	8.332	.005	3	0	51036.	0.	51035.90	1.000	637.5	1591.6	1582.3	591.9	.8	3.1	.0086	.403	.403	5	48.8
1715	8.337	.005	3	0	50913.	0.	50913.20	1.000	638.3	1591.6	1582.3	592.7	.8	3.0	.0086	.399	.400	5	48.8
1716	8.343	.005	3	0	50790.	0.	50790.34	1.000	639.1	1591.6	1582.3	593.5	.8	3.0	.0086	.400	.400	5	48.8
1717	8.348	.005	3	0	50667.	0.	50667.30	1.000	639.9	1591.5	1582.3	594.3	.8	3.0	.0086	.400	.397	5	48.8
1718	8.354	.005	3	0	50542.	0.	50542.43	1.000	640.7	1591.5	1582.3	595.1	.8	3.0	.0086	.397	.398	5	48.8
1719	8.359	.005	3	0	50418.	0.	50418.40	1.000	641.5	1591.5	1582.3	595.9	.8	3.0	.0086	.397	.398	5	48.8
1720	8.364	.005	3	0	50293.	0.	50293.20	1.000	642.3	1591.5	1582.3	596.7	.8	3.0	.0086	.398	.395	5	48.8
1721	8.370	.005	3	0	50168.	0.	50168.20	1.000	643.1	1591.4	1582.3	597.5	.8	3.0	.0086	.395	.395	5	48.8
1722	8.375	.005	3	0	50042.	0.	50042.04	1.000	643.9	1591.4	1582.3	598.3	.8	3.0	.0086	.395	.396	5	48.8
1723	8.380	.005	3	0	49915.	0.	49915.08	1.000	644.7	1591.4	1582.3	599.1	.8	3.0	.0086	.392	.392	5	48.8
1724	8.386	.005	3	0	49789.	0.	49788.99	1.000	645.5	1591.4	1582.3	599.9	.8	3.0	.0086	.392	.393	5	48.8

1725	8.391	.005	3	0	49662.	0.	49661.71	1.000	646.3	1591.3	1582.3	600.6	.8	3.0	.0086	.393	.390	5	48.8
1726	8.396	.005	3	0	49534.	0.	49533.66	1.000	647.0	1591.3	1582.3	601.4	.8	3.0	.0086	.389	.390	5	48.8
1727	8.402	.005	3	0	49405.	0.	49405.47	1.000	647.8	1591.3	1582.3	602.2	.8	3.0	.0086	.390	.391	5	48.8
1728	8.407	.005	3	0	49278.	0.	49277.52	1.000	648.6	1591.3	1582.3	603.0	.8	2.9	.0086	.387	.387	5	48.8
1729	8.412	.005	3	0	49148.	0.	49148.41	1.000	649.4	1591.3	1582.3	603.8	.8	2.9	.0086	.387	.388	5	48.8
1730	8.418	.005	3	0	49019.	0.	49019.15	1.000	650.1	1591.2	1582.3	604.5	.8	2.9	.0086	.388	.384	5	48.8
1731	8.423	.005	3	0	48889.	0.	48889.15	1.000	650.9	1591.2	1582.3	605.3	.8	2.9	.0086	.384	.385	5	48.8
1732	8.428	.005	3	0	48759.	0.	48759.00	1.000	651.7	1591.2	1582.3	606.1	.8	2.9	.0086	.385	.385	5	48.8
1733	8.434	.005	3	0	48628.	0.	48628.11	1.000	652.4	1591.2	1582.3	606.8	.8	2.9	.0086	.381	.382	5	48.8
1734	8.439	.005	3	0	48497.	0.	48497.09	1.000	653.2	1591.1	1582.3	607.6	.8	2.9	.0086	.382	.383	5	48.8
1735	8.445	.005	3	0	48366.	0.	48365.93	1.000	654.0	1591.1	1582.3	608.4	.8	2.9	.0086	.382	.379	5	48.8
1736	8.450	.005	3	0	48235.	0.	48235.05	1.000	654.7	1591.1	1582.3	609.1	.8	2.9	.0086	.379	.380	5	48.8
1737	8.455	.005	3	0	48103.	0.	48103.03	1.000	655.5	1591.1	1582.3	609.9	.8	2.9	.0086	.380	.380	5	48.8
1738	8.461	.005	3	0	47970.	0.	47970.30	1.000	656.2	1591.0	1582.3	610.6	.8	2.9	.0086	.376	.377	5	48.8
1739	8.466	.005	3	0	47837.	0.	47837.44	1.000	657.0	1591.0	1582.3	611.4	.8	2.9	.0086	.377	.377	5	48.8
1740	8.471	.005	3	0	47704.	0.	47704.45	1.000	657.7	1591.0	1582.3	612.1	.8	2.9	.0086	.377	.374	5	48.8
1741	8.477	.005	3	0	47572.	0.	47571.78	1.000	658.5	1591.0	1582.3	612.9	.7	2.9	.0086	.374	.375	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1742	8.482	.005	3	0	47438.	0.	47437.97	1.000	659.2	1591.0	1582.3	613.6	.7	2.9	.0086	.374	.375	5	48.8
1743	8.487	.005	3	0	47303.	0.	47303.48	1.000	660.0	1590.9	1582.3	614.4	.7	2.8	.0086	.371	.372	5	48.8
1744	8.493	.005	3	0	47170.	0.	47169.88	1.000	660.7	1590.9	1582.3	615.1	.7	2.8	.0086	.372	.372	5	48.8
1745	8.498	.005	3	0	47035.	0.	47034.60	1.000	661.5	1590.9	1582.3	615.9	.7	2.8	.0086	.369	.369	5	48.8
1746	8.503	.005	3	0	46900.	0.	46900.21	1.000	662.2	1590.9	1582.3	616.6	.7	2.8	.0086	.369	.370	5	48.8
1747	8.509	.005	3	0	46765.	0.	46764.70	1.000	662.9	1590.8	1582.3	617.3	.7	2.8	.0086	.369	.366	5	48.8
1748	8.514	.005	3	0	46630.	0.	46629.54	1.000	663.7	1590.8	1582.3	618.1	.7	2.8	.0086	.366	.367	5	48.8
1749	8.520	.005	3	0	46494.	0.	46494.27	1.000	664.4	1590.8	1582.3	618.8	.7	2.8	.0086	.367	.367	5	48.8
1750	8.525	.005	3	0	46358.	0.	46358.35	1.000	665.1	1590.8	1582.3	619.5	.7	2.8	.0086	.363	.364	5	48.8
1751	8.530	.005	3	0	46221.	0.	46221.32	1.000	665.9	1590.7	1582.3	620.3	.7	2.8	.0086	.364	.365	5	48.8
1752	8.536	.005	3	0	46085.	0.	46085.19	1.000	666.6	1590.7	1582.3	621.0	.7	2.8	.0086	.364	.361	5	48.8
1753	8.541	.005	3	0	45948.	0.	45948.43	1.000	667.3	1590.7	1582.3	621.7	.7	2.8	.0086	.361	.362	5	48.8
1754	8.546	.005	3	0	45813.	0.	45812.57	1.000	668.0	1590.7	1582.3	622.4	.7	2.8	.0086	.362	.362	5	48.8
1755	8.552	.005	3	0	45675.	0.	45675.10	1.000	668.8	1590.7	1582.3	623.1	.7	2.8	.0086	.358	.359	5	48.8
1756	8.557	.005	3	0	45538.	0.	45537.52	1.000	669.5	1590.6	1582.3	623.9	.7	2.8	.0086	.359	.359	5	48.8
1757	8.562	.005	3	0	45400.	0.	45400.34	1.000	670.2	1590.6	1582.3	624.6	.7	2.7	.0086	.356	.356	5	48.8
1758	8.568	.005	3	0	45262.	0.	45262.07	1.000	670.9	1590.6	1582.3	625.3	.7	2.7	.0086	.356	.357	5	48.8
1759	8.573	.005	3	0	45125.	0.	45124.70	1.000	671.6	1590.6	1582.3	626.0	.7	2.7	.0086	.357	.354	5	48.8
1760	8.578	.005	3	0	44986.	0.	44985.74	1.000	672.3	1590.5	1582.3	626.7	.7	2.7	.0086	.354	.354	5	48.8
1761	8.584	.005	3	0	44848.	0.	44847.69	1.000	673.0	1590.5	1582.3	627.4	.7	2.7	.0086	.354	.354	5	48.8
1762	8.589	.005	3	0	44709.	0.	44709.06	1.000	673.7	1590.5	1582.3	628.1	.7	2.7	.0086	.351	.351	5	48.8
1763	8.594	.005	3	0	44571.	0.	44571.36	1.000	674.4	1590.5	1582.3	628.8	.7	2.7	.0086	.351	.352	5	48.8
1764	8.600	.005	3	0	44432.	0.	44432.07	1.000	675.1	1590.5	1582.3	629.5	.7	2.7	.0086	.348	.349	5	48.8
1765	8.605	.005	3	0	44293.	0.	44292.70	1.000	675.8	1590.4	1582.3	630.2	.7	2.7	.0086	.349	.349	5	48.8
1766	8.611	.005	3	0	44154.	0.	44154.26	1.000	676.5	1590.4	1582.3	630.9	.7	2.7	.0086	.349	.345	5	48.8
1767	8.616	.005	3	0	44014.	0.	44014.26	1.000	677.2	1590.4	1582.3	631.6	.7	2.7	.0086	.346	.346	5	48.8
1768	8.621	.005	3	0	43875.	0.	43875.18	1.000	677.9	1590.4	1582.3	632.3	.7	2.7	.0086	.346	.347	5	48.8
1769	8.627	.005	3	0	43736.	0.	43735.56	1.000	678.6	1590.3	1582.3	633.0	.7	2.7	.0086	.343	.344	5	48.8
1770	8.632	.005	3	0	43596.	0.	43595.87	1.000	679.3	1590.3	1582.3	633.7	.7	2.7	.0086	.344	.344	5	48.8
1771	8.637	.005	3	0	43457.	0.	43456.65	1.000	680.0	1590.3	1582.3	634.4	.7	2.6	.0086	.341	.341	5	48.8
1772	8.643	.005	3	0	43316.	0.	43316.35	1.000	680.6	1590.3	1582.3	635.0	.7	2.6	.0086	.341	.342	5	48.8
1773	8.648	.005	3	0	43177.	0.	43176.99	1.000	681.3	1590.2	1582.3	635.7	.7	2.6	.0086	.341	.339	5	48.8
1774	8.653	.005	3	0	43036.	0.	43036.11	1.000	682.0	1590.2	1582.3	636.4	.7	2.6	.0086	.338	.339	5	48.8
1775	8.659	.005	3	0	42896.	0.	42896.15	1.000	682.7	1590.2	1582.3	637.1	.7	2.6	.0086	.339	.339	5	48.8
1776	8.664	.005	3	0	42757.	0.	42756.70	1.000	683.4	1590.2	1582.3	637.7	.7	2.6	.0086	.336	.336	5	48.8
1777	8.669	.005	3	0	42616.	0.	42616.18	1.000	684.0	1590.2	1582.3	638.4	.7	2.6	.0086	.336	.337	5	48.8
1778	8.675	.005	3	0	42475.	0.	42475.18	1.000	684.7	1590.1	1582.3	639.1	.7	2.6	.0086	.333	.334	5	48.8
1779	8.680	.005	3	0	42335.	0.	42335.11	1.000	685.4	1590.1	1582.3	639.7	.7	2.6	.0086	.334	.334	5	48.8

1780	8.686	.005	3	0	42195.	0.	42194.54	1.000	686.0	1590.1	1582.3	640.4	.7	2.6	.0086	.331	.331	5	48.8
1781	8.691	.005	3	0	42054.	0.	42053.93	1.000	686.7	1590.1	1582.3	641.1	.7	2.6	.0086	.331	.331	5	48.8
1782	8.696	.005	3	0	41913.	0.	41913.26	1.000	687.3	1590.0	1582.3	641.7	.7	2.6	.0086	.331	.329	5	48.8
1783	8.702	.005	3	0	41773.	0.	41773.11	1.000	688.0	1590.0	1582.3	642.4	.7	2.6	.0086	.328	.329	5	48.8
1784	8.707	.005	3	0	41632.	0.	41631.92	1.000	688.7	1590.0	1582.3	643.0	.7	2.6	.0086	.329	.329	5	48.8
1785	8.712	.005	3	0	41491.	0.	41491.26	1.000	689.3	1590.0	1582.3	643.7	.7	2.6	.0086	.326	.326	5	48.8
1786	8.718	.005	3	0	41351.	0.	41350.55	1.000	690.0	1590.0	1582.3	644.4	.7	2.6	.0086	.326	.327	5	48.8
1787	8.723	.005	3	0	41210.	0.	41210.39	1.000	690.6	1589.9	1582.3	645.0	.6	2.5	.0086	.323	.324	5	48.8
1788	8.728	.005	3	0	41069.	0.	41069.19	1.000	691.3	1589.9	1582.3	645.6	.6	2.5	.0086	.324	.324	5	48.8
1789	8.734	.005	3	0	40929.	0.	40928.55	1.000	691.9	1589.9	1582.3	646.3	.6	2.5	.0086	.321	.321	5	48.8
1790	8.739	.005	3	0	40788.	0.	40787.86	1.000	692.5	1589.9	1582.3	646.9	.6	2.5	.0086	.321	.322	5	48.8
1791	8.744	.005	3	0	40647.	0.	40647.13	1.000	693.2	1589.8	1582.3	647.6	.6	2.5	.0086	.321	.319	5	48.8
1792	8.750	.005	3	0	40507.	0.	40506.96	1.000	693.8	1589.8	1582.3	648.2	.6	2.5	.0086	.319	.319	5	48.8
1793	8.755	.005	3	0	40366.	0.	40366.77	1.000	694.5	1589.8	1582.3	648.8	.6	2.5	.0086	.319	.316	5	48.8
1794	8.760	.005	3	0	40225.	0.	40225.15	1.000	695.1	1589.8	1582.3	649.5	.6	2.5	.0086	.316	.317	5	48.8
1795	8.766	.005	3	0	40084.	0.	40084.50	1.000	695.7	1589.8	1582.3	650.1	.6	2.5	.0086	.316	.317	5	48.8
1796	8.771	.005	3	0	39944.	0.	39944.42	1.000	696.3	1589.7	1582.3	650.7	.6	2.5	.0086	.314	.314	5	48.8
1797	8.777	.005	3	0	39803.	0.	39803.32	1.000	697.0	1589.7	1582.3	651.4	.6	2.5	.0086	.314	.314	5	48.8
1798	8.782	.005	3	0	39663.	0.	39662.82	1.000	697.6	1589.7	1582.3	652.0	.6	2.5	.0086	.311	.312	5	48.8
1799	8.787	.005	3	0	39522.	0.	39522.29	1.000	698.2	1589.7	1582.3	652.6	.6	2.5	.0086	.311	.312	5	48.8
1800	8.793	.005	3	0	39382.	0.	39382.36	1.000	698.8	1589.6	1582.3	653.2	.6	2.5	.0086	.309	.309	5	48.8
1801	8.798	.005	3	0	39242.	0.	39242.40	1.000	699.5	1589.6	1582.3	653.8	.6	2.5	.0086	.309	.309	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BC	PPP	HP	CNN	CH	CHH	KIT	ALG
1802	8.803	.005	3	0	39101.	0.	39101.44	1.000	700.1	1589.6	1582.3	654.5	.6	2.5	.0086	.309	.307	5	48.8
1803	8.809	.005	3	0	38962.	0.	38962.07	1.000	700.7	1589.6	1582.3	655.1	.6	2.4	.0086	.306	.307	5	48.8
1804	8.814	.005	3	0	38822.	0.	38821.69	1.000	701.3	1589.6	1582.3	655.7	.6	2.4	.0086	.307	.304	5	48.8
1805	8.819	.005	3	0	38682.	0.	38681.93	1.000	701.9	1589.5	1582.3	656.3	.6	2.4	.0086	.304	.305	5	48.8
1806	8.825	.005	3	0	38542.	0.	38542.15	1.000	702.5	1589.5	1582.3	656.9	.6	2.4	.0086	.304	.305	5	48.8
1807	8.830	.005	3	0	38402.	0.	38402.01	1.000	703.1	1589.5	1582.3	657.5	.6	2.4	.0086	.302	.302	5	48.8
1808	8.835	.005	3	0	38262.	0.	38262.85	1.000	703.7	1589.5	1582.3	658.1	.6	2.4	.0086	.302	.302	5	48.8
1809	8.841	.005	3	0	38122.	0.	38122.34	1.000	704.3	1589.4	1582.3	658.7	.6	2.4	.0086	.299	.300	5	48.8
1810	8.846	.005	3	0	37984.	0.	37983.79	1.000	704.9	1589.4	1582.3	659.3	.6	2.4	.0086	.299	.300	5	48.8
1811	8.852	.005	3	0	37844.	0.	37843.91	1.000	705.5	1589.4	1582.3	659.9	.6	2.4	.0086	.297	.297	5	48.8
1812	8.857	.005	3	0	37705.	0.	37705.02	1.000	706.1	1589.4	1582.3	660.5	.6	2.4	.0086	.297	.298	5	48.8
1813	8.862	.005	3	0	37566.	0.	37565.79	1.000	706.7	1589.4	1582.3	661.1	.6	2.4	.0086	.294	.295	5	48.8
1814	8.868	.005	3	0	37427.	0.	37426.54	1.000	707.3	1589.3	1582.3	661.7	.6	2.4	.0086	.295	.295	5	48.8
1815	8.873	.005	3	0	37287.	0.	37286.98	1.000	707.9	1589.3	1582.3	662.3	.6	2.4	.0086	.292	.293	5	48.8
1816	8.878	.005	3	0	37148.	0.	37148.40	1.000	708.5	1589.3	1582.3	662.8	.6	2.4	.0086	.292	.293	5	48.8
1817	8.884	.005	3	0	37010.	0.	37009.81	1.000	709.0	1589.3	1582.3	663.4	.6	2.4	.0086	.293	.290	5	48.8
1818	8.889	.005	3	0	36872.	0.	36871.88	1.000	709.6	1589.3	1582.3	664.0	.6	2.3	.0086	.290	.290	5	48.8
1819	8.894	.005	3	0	36734.	0.	36733.96	1.000	710.2	1589.2	1582.3	664.6	.6	2.3	.0086	.290	.288	5	48.8
1820	8.900	.005	3	0	36596.	0.	36595.73	1.000	710.8	1589.2	1582.3	665.2	.6	2.3	.0086	.288	.288	5	48.8
1821	8.905	.005	3	0	36458.	0.	36457.51	1.000	711.4	1589.2	1582.3	665.7	.6	2.3	.0086	.288	.288	5	48.8
1822	8.910	.005	3	0	36320.	0.	36319.96	1.000	711.9	1589.2	1582.3	666.3	.6	2.3	.0086	.285	.286	5	48.8
1823	8.916	.005	3	0	36182.	0.	36182.41	1.000	712.5	1589.1	1582.3	666.9	.6	2.3	.0086	.285	.286	5	48.8
1824	8.921	.005	3	0	36045.	0.	36044.58	1.000	713.1	1589.1	1582.3	667.5	.6	2.3	.0086	.283	.283	5	48.8
1825	8.926	.005	3	0	35908.	0.	35907.73	1.000	713.6	1589.1	1582.3	668.0	.6	2.3	.0086	.283	.284	5	48.8
1826	8.932	.005	3	0	35771.	0.	35770.59	1.000	714.2	1589.1	1582.3	668.6	.6	2.3	.0086	.281	.281	5	48.8
1827	8.937	.005	3	0	35633.	0.	35633.47	1.000	714.8	1589.1	1582.3	669.1	.6	2.3	.0086	.281	.281	5	48.8
1828	8.943	.005	3	0	35497.	0.	35497.04	1.000	715.3	1589.0	1582.3	669.7	.6	2.3	.0086	.278	.279	5	48.8
1829	8.948	.005	3	0	35360.	0.	35360.63	1.000	715.9	1589.0	1582.3	670.3	.6	2.3	.0086	.279	.279	5	48.8
1830	8.953	.005	3	0	35224.	0.	35223.95	1.000	716.4	1589.0	1582.3	670.8	.6	2.3	.0086	.276	.277	5	48.8
1831	8.959	.005	3	0	35088.	0.	35088.25	1.000	717.0	1589.0	1582.3	671.4	.6	2.3	.0086	.276	.277	5	48.8
1832	8.964	.005	3	0	34952.	0.	34952.30	1.000	717.5	1589.0	1582.3	671.9	.5	2.2	.0086	.274	.274	5	48.8
1833	8.969	.005	3	0	34817.	0.	34817.33	1.000	718.1	1588.9	1582.3	672.5	.5	2.2	.0086	.274	.275	5	48.8
1834	8.975	.005	3	0	34682.	0.	34682.11	1.000	718.6	1588.9	1582.3	673.0	.5	2.2	.0086	.272	.272	5	48.8

1835	8.980	.005	3	0	34547.	0.	34546.91	1.000	719.2	1588.9	1582.3	673.5	.5	2.2	.0086	.272	.272	5	48.8
1836	8.985	.005	3	0	34412.	0.	34411.73	1.000	719.7	1588.9	1582.3	674.1	.5	2.2	.0086	.272	.270	5	48.8
1837	8.991	.005	3	0	34277.	0.	34277.27	1.000	720.2	1588.9	1582.3	674.6	.5	2.2	.0086	.270	.270	5	48.8
1838	8.996	.005	3	0	34144.	0.	34143.80	1.000	720.8	1588.8	1582.3	675.2	.5	2.2	.0086	.270	.268	5	48.8
1839	9.001	.005	3	0	34009.	0.	34009.13	1.000	721.3	1588.8	1582.3	675.7	.5	2.2	.0086	.267	.268	5	48.8
1840	9.007	.005	3	0	33875.	0.	33875.45	1.000	721.8	1588.8	1582.3	676.2	.5	2.2	.0086	.268	.265	5	48.8
1841	9.012	.005	3	0	33742.	0.	33742.50	1.000	722.4	1588.8	1582.3	676.8	.5	2.2	.0086	.265	.266	5	48.8
1842	9.018	.005	3	0	33608.	0.	33608.61	1.000	722.9	1588.8	1582.3	677.3	.5	2.2	.0086	.265	.263	5	48.8
1843	9.023	.005	3	0	33476.	0.	33476.42	1.000	723.4	1588.7	1582.3	677.8	.5	2.2	.0086	.263	.263	5	48.8
1844	9.028	.005	3	0	33343.	0.	33343.30	1.000	724.0	1588.7	1582.3	678.3	.5	2.2	.0086	.263	.264	5	48.8
1845	9.034	.005	3	0	33211.	0.	33210.93	1.000	724.5	1588.7	1582.3	678.9	.5	2.2	.0086	.261	.261	5	48.8
1846	9.039	.005	3	0	33079.	0.	33078.59	1.000	725.0	1588.7	1582.3	679.4	.5	2.2	.0086	.261	.261	5	48.8
1847	9.044	.005	3	0	32947.	0.	32946.99	1.000	725.5	1588.7	1582.3	679.9	.5	2.2	.0086	.259	.259	5	48.8
1848	9.050	.005	3	0	32815.	0.	32815.43	1.000	726.0	1588.6	1582.3	680.4	.5	2.2	.0086	.259	.259	5	48.8
1849	9.055	.005	3	0	32684.	0.	32683.66	1.000	726.5	1588.6	1582.3	680.9	.5	2.1	.0086	.257	.257	5	48.8
1850	9.060	.005	3	0	32553.	0.	32552.88	1.000	727.1	1588.6	1582.3	681.5	.5	2.1	.0086	.257	.257	5	48.8
1851	9.066	.005	3	0	32422.	0.	32421.91	1.000	727.6	1588.6	1582.3	682.0	.5	2.1	.0086	.254	.255	5	48.8
1852	9.071	.005	3	0	32292.	0.	32291.93	1.000	728.1	1588.6	1582.3	682.5	.5	2.1	.0086	.255	.255	5	48.8
1853	9.076	.005	3	0	32161.	0.	32160.80	1.000	728.6	1588.5	1582.3	683.0	.5	2.1	.0086	.252	.253	5	48.8
1854	9.082	.005	3	0	32032.	0.	32031.62	1.000	729.1	1588.5	1582.3	683.5	.5	2.1	.0086	.252	.253	5	48.8
1855	9.087	.005	3	0	31901.	0.	31901.30	1.000	729.6	1588.5	1582.3	684.0	.5	2.1	.0086	.250	.251	5	48.8
1856	9.092	.005	3	0	31772.	0.	31771.97	1.000	730.1	1588.5	1582.3	684.5	.5	2.1	.0086	.250	.251	5	48.8
1857	9.098	.005	3	0	31643.	0.	31643.41	1.000	730.6	1588.5	1582.3	685.0	.5	2.1	.0086	.248	.249	5	48.8
1858	9.103	.005	3	0	31515.	0.	31514.89	1.000	731.1	1588.4	1582.3	685.5	.5	2.1	.0086	.248	.249	5	48.8
1859	9.109	.005	3	0	31386.	0.	31386.20	1.000	731.6	1588.4	1582.3	686.0	.5	2.1	.0086	.246	.245	5	48.8
1860	9.114	.005	3	0	31258.	0.	31257.56	1.000	732.1	1588.4	1582.3	686.5	.5	2.1	.0086	.246	.247	5	48.8
1861	9.119	.005	3	0	31130.	0.	31129.70	1.000	732.6	1588.4	1582.3	686.9	.5	2.1	.0086	.244	.244	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
1862	9.125	.005	3	0	31003.	0.	31002.81	1.000	733.0	1588.4	1582.3	687.4	.5	2.1	.0086	.244	.245	5	48.8
1863	9.130	.005	3	0	30875.	0.	30874.84	1.000	733.5	1588.3	1582.3	687.9	.5	2.1	.0086	.242	.242	5	48.8
1864	9.135	.005	3	0	30749.	0.	30748.79	1.000	734.0	1588.3	1582.3	688.4	.5	2.1	.0086	.242	.242	5	48.8
1865	9.141	.005	3	0	30622.	0.	30621.64	1.000	734.5	1588.3	1582.3	688.9	.5	2.0	.0086	.240	.240	5	48.8
1866	9.146	.005	3	0	30495.	0.	30495.48	1.000	735.0	1588.3	1582.3	689.4	.5	2.0	.0086	.240	.240	5	48.8
1867	9.151	.005	3	0	30369.	0.	30369.18	1.000	735.5	1588.3	1582.3	689.8	.5	2.0	.0086	.238	.238	5	48.8
1868	9.157	.005	3	0	30244.	0.	30243.86	1.000	735.9	1588.2	1582.3	690.3	.5	2.0	.0086	.238	.233	5	48.8
1869	9.162	.005	3	0	30118.	0.	30118.40	1.000	736.4	1588.2	1582.3	690.8	.5	2.0	.0086	.236	.236	5	48.8
1870	9.167	.005	3	0	29993.	0.	29992.99	1.000	736.9	1588.2	1582.3	691.3	.5	2.0	.0086	.236	.236	5	48.8
1871	9.173	.005	3	0	29868.	0.	29868.38	1.000	737.3	1588.2	1582.3	691.7	.5	2.0	.0086	.234	.234	5	48.8
1872	9.178	.005	3	0	29745.	0.	29744.75	1.000	737.8	1588.2	1582.3	692.2	.5	2.0	.0086	.234	.234	5	48.8
1873	9.184	.005	3	0	29620.	0.	29620.26	1.000	738.3	1588.1	1582.3	692.7	.5	2.0	.0086	.234	.232	5	48.8
1874	9.189	.005	3	0	29497.	0.	29496.55	1.000	738.7	1588.1	1582.3	693.1	.5	2.0	.0086	.232	.232	5	48.8
1875	9.194	.005	3	0	29374.	0.	29373.84	1.000	739.2	1588.1	1582.3	693.6	.5	2.0	.0086	.232	.230	5	48.8
1876	9.200	.005	3	0	29250.	0.	29250.06	1.000	739.7	1588.1	1582.3	694.1	.5	2.0	.0086	.230	.230	5	48.8
1877	9.205	.005	3	0	29127.	0.	29127.28	1.000	740.1	1588.1	1582.3	694.5	.5	2.0	.0086	.230	.228	5	48.8
1878	9.210	.005	3	0	29005.	0.	29005.29	1.000	740.6	1588.1	1582.3	695.0	.5	2.0	.0086	.228	.229	5	48.8
1879	9.216	.005	3	0	28883.	0.	28883.37	1.000	741.0	1588.0	1582.3	695.4	.5	2.0	.0086	.228	.226	5	48.8
1880	9.221	.005	3	0	28761.	0.	28761.32	1.000	741.5	1588.0	1582.3	695.9	.5	2.0	.0086	.226	.227	5	48.8
1881	9.226	.005	3	0	28640.	0.	28640.27	1.000	741.9	1588.0	1582.3	696.3	.5	2.0	.0086	.226	.224	5	48.8
1882	9.232	.005	3	0	28519.	0.	28519.10	1.000	742.4	1588.0	1582.3	696.8	.4	1.9	.0086	.224	.225	5	48.8
1883	9.237	.005	3	0	28398.	0.	28397.99	1.000	742.8	1588.0	1582.3	697.2	.4	1.9	.0086	.224	.223	5	48.8
1884	9.242	.005	3	0	28278.	0.	28277.69	1.000	743.3	1587.9	1582.3	697.7	.4	1.9	.0086	.222	.223	5	48.8
1885	9.248	.005	3	0	28157.	0.	28157.46	1.000	743.7	1587.9	1582.3	698.1	.4	1.9	.0086	.222	.221	5	48.8
1886	9.253	.005	3	0	28038.	0.	28038.04	1.000	744.2	1587.9	1582.3	698.6	.4	1.9	.0086	.220	.221	5	48.8
1887	9.258	.005	3	0	27918.	0.	27918.69	1.000	744.6	1587.9	1582.3	699.0	.4	1.9	.0086	.221	.219	5	48.8
1888	9.264	.005	3	0	27799.	0.	27799.21	1.000	745.0	1587.9	1582.3	699.4	.4	1.9	.0086	.219	.219	5	48.8
1889	9.269	.005	3	0	27681.	0.	27680.66	1.000	745.5	1587.9	1582.3	699.9	.4	1.9	.0086	.219	.217	5	48.8

1890	9.275	.005	3	0	27562.	0.	27561.89	1.000	745.9	1587.8	1582.3	700.3	.4	1.9	.0086	.217	.217	5	48.8
1891	9.280	.005	3	0	27443.	0.	27443.03	1.000	746.4	1587.8	1582.3	700.7	.4	1.9	.0086	.217	.215	5	48.8
1892	9.285	.005	3	0	27325.	0.	27324.77	1.000	746.8	1587.8	1582.3	701.2	.4	1.9	.0086	.215	.215	5	48.8
1893	9.291	.005	3	0	27206.	0.	27206.32	1.000	747.2	1587.8	1582.3	701.6	.4	1.9	.0086	.215	.213	5	48.8
1894	9.296	.005	3	0	27088.	0.	27088.39	1.000	747.6	1587.8	1582.3	702.0	.4	1.9	.0086	.213	.213	5	48.8
1895	9.301	.005	3	0	26970.	0.	26970.17	1.000	748.1	1587.7	1582.3	702.5	.4	1.9	.0086	.213	.211	5	48.8
1896	9.307	.005	3	0	26851.	0.	26851.44	1.000	748.5	1587.7	1582.3	702.9	.4	1.9	.0086	.211	.212	5	48.8
1897	9.312	.005	3	0	26733.	0.	26733.23	1.000	748.9	1587.7	1582.3	703.3	.4	1.9	.0086	.211	.210	5	48.8
1898	9.317	.005	3	0	26614.	0.	26614.43	1.000	749.3	1587.7	1582.3	703.7	.4	1.9	.0086	.209	.210	5	48.8
1899	9.323	.005	3	0	26496.	0.	26496.05	.999	749.7	1587.7	1582.3	704.1	.4	1.9	.0086	.209	.208	5	48.8
1900	9.328	.005	3	0	26376.	0.	26376.97	.999	750.2	1587.7	1582.3	704.6	.4	1.8	.0086	.208	.208	5	48.8
1901	9.333	.005	3	0	26257.	0.	26257.13	.999	750.6	1587.6	1582.3	705.0	.4	1.8	.0086	.206	.206	5	48.8
1902	9.339	.005	3	0	26138.	0.	26137.61	.999	751.0	1587.6	1582.3	705.4	.4	1.8	.0086	.206	.206	5	48.8
1903	9.344	.005	3	0	26024.	0.	26024.47	.999	751.4	1587.6	1582.3	705.8	.4	1.8	.0086	.204	.204	5	48.8
1904	9.350	.005	3	0	25911.	0.	25911.41	.999	751.8	1587.6	1582.3	706.2	.4	1.8	.0086	.204	.204	5	48.8
1905	9.355	.005	3	0	25798.	0.	25798.29	.999	752.2	1587.6	1582.3	706.6	.4	1.8	.0086	.202	.202	5	48.8
1906	9.360	.005	3	0	25686.	0.	25686.13	.999	752.6	1587.6	1582.3	707.0	.4	1.8	.0086	.202	.203	5	48.8
1907	9.366	.005	3	0	25574.	0.	25573.91	.999	753.0	1587.5	1582.3	707.4	.4	1.8	.0086	.200	.201	5	48.8
1908	9.371	.005	3	0	25462.	0.	25461.77	.999	753.4	1587.5	1582.3	707.8	.4	1.8	.0086	.200	.201	5	48.8
1909	9.376	.005	3	0	25350.	0.	25350.47	.999	753.8	1587.5	1582.3	708.2	.4	1.8	.0086	.199	.199	5	48.8
1910	9.382	.005	3	0	25239.	0.	25239.24	.999	754.2	1587.5	1582.3	708.6	.4	1.8	.0086	.199	.199	5	48.8
1911	9.387	.005	3	0	25128.	0.	25128.85	.999	754.6	1587.5	1582.3	709.0	.4	1.8	.0086	.197	.197	5	48.8
1912	9.392	.005	3	0	25019.	0.	25019.43	.999	755.0	1587.5	1582.3	709.4	.4	1.8	.0086	.197	.197	5	48.8
1913	9.398	.005	3	0	24910.	0.	24909.96	.999	755.4	1587.4	1582.3	709.8	.4	1.8	.0086	.195	.195	5	48.8
1914	9.403	.005	3	0	24802.	0.	24802.34	.999	755.8	1587.4	1582.3	710.2	.4	1.8	.0086	.195	.196	5	48.8
1915	9.408	.005	3	0	24696.	0.	24695.56	.999	756.2	1587.4	1582.3	710.6	.4	1.8	.0086	.193	.194	5	48.8
1916	9.414	.005	3	0	24589.	0.	24588.85	.999	756.5	1587.4	1582.3	710.9	.4	1.8	.0086	.194	.194	5	48.8
1917	9.419	.005	3	0	24483.	0.	24482.98	.999	756.9	1587.4	1582.3	711.3	.4	1.8	.0086	.192	.192	5	48.8
1918	9.425	.005	3	0	24378.	0.	24378.07	.999	757.3	1587.4	1582.3	711.7	.4	1.8	.0086	.192	.192	5	48.8
1919	9.430	.005	3	0	24274.	0.	24273.99	.999	757.7	1587.3	1582.3	712.1	.4	1.7	.0086	.190	.190	5	48.8
1920	9.435	.005	3	0	24170.	0.	24169.99	.999	758.1	1587.3	1582.3	712.5	.4	1.7	.0086	.190	.191	5	48.8
1921	9.441	.005	3	0	24067.	0.	24066.82	.999	758.5	1587.3	1582.3	712.8	.4	1.7	.0086	.188	.189	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	GB	SUB	BT	HY	HC	BO	PPP	HP	CMN	DH	DHH	KIT	ALG
1922	9.446	.005	3	0	23965.	0.	23964.61	.999	758.8	1587.3	1582.3	713.2	.4	1.7	.0086	.189	.189	5	48.8
1923	9.451	.005	3	0	23863.	0.	23863.22	.999	759.2	1587.3	1582.3	713.6	.4	1.7	.0086	.187	.187	5	48.8
1924	9.457	.005	3	0	23762.	0.	23761.91	.999	759.6	1587.3	1582.3	714.0	.4	1.7	.0086	.187	.187	5	48.8
1925	9.462	.005	3	0	23662.	0.	23661.55	.999	760.0	1587.2	1582.3	714.3	.4	1.7	.0086	.187	.185	5	48.8
1926	9.467	.005	3	0	23562.	0.	23562.02	.999	760.3	1587.2	1582.3	714.7	.4	1.7	.0086	.185	.186	5	48.8
1927	9.473	.005	3	0	23463.	0.	23462.51	.999	760.7	1587.2	1582.3	715.1	.4	1.7	.0086	.184	.185	5	48.8
1928	9.478	.005	3	0	23364.	0.	23363.88	.999	761.1	1587.2	1582.3	715.4	.4	1.7	.0086	.184	.183	5	48.8
1929	9.483	.005	3	0	23266.	0.	23266.19	.999	761.4	1587.2	1582.3	715.8	.4	1.7	.0086	.184	.183	5	48.8
1930	9.489	.005	3	0	23169.	0.	23169.45	.999	761.8	1587.2	1582.3	716.2	.4	1.7	.0086	.184	.183	5	48.8
1931	9.494	.005	3	0	23072.	0.	23071.68	.999	762.2	1587.1	1582.3	716.5	.4	1.7	.0086	.180	.183	5	48.8
1932	9.499	.005	3	0	22976.	0.	22975.71	.999	762.5	1587.1	1582.3	716.9	.4	1.7	.0086	.180	.180	5	48.8
1933	9.505	.005	3	0	22880.	0.	22879.82	.999	762.9	1587.1	1582.3	717.3	.4	1.7	.0086	.180	.180	5	48.8
1934	9.510	.005	3	0	22785.	0.	22784.87	.999	763.2	1587.1	1582.3	717.6	.4	1.7	.0086	.180	.180	5	48.8
1935	9.516	.005	3	0	22690.	0.	22689.76	.999	763.6	1587.1	1582.3	718.0	.4	1.7	.0086	.177	.180	5	48.8
1936	9.521	.005	3	0	22596.	0.	22595.59	.999	763.9	1587.1	1582.3	718.3	.4	1.7	.0086	.177	.177	5	48.8
1937	9.526	.005	3	0	22501.	0.	22501.49	.999	764.3	1587.1	1582.3	718.7	.4	1.7	.0086	.177	.177	5	48.8
1938	9.532	.005	3	0	22408.	0.	22408.32	.999	764.7	1587.0	1582.3	719.0	.4	1.7	.0086	.177	.177	5	48.8
1939	9.537	.005	3	0	22315.	0.	22315.01	.999	765.0	1587.0	1582.3	719.4	.3	1.6	.0086	.174	.177	5	48.8
1940	9.542	.005	3	0	22223.	0.	22222.64	.999	765.4	1587.0	1582.3	719.7	.3	1.6	.0086	.174	.173	5	48.8
1941	9.548	.005	3	0	22131.	0.	22131.19	.999	765.7	1587.0	1582.3	720.1	.3	1.6	.0086	.174	.173	5	48.8
1942	9.553	.005	3	0	22040.	0.	22039.81	.999	766.0	1587.0	1582.3	720.4	.3	1.6	.0086	.174	.174	5	48.8
1943	9.558	.005	3	0	21949.	0.	21948.50	.999	766.4	1587.0	1582.3	720.8	.3	1.6	.0086	.174	.174	5	48.8
1944	9.564	.005	3	0	21858.	0.	21857.91	.999	766.7	1587.0	1582.3	721.1	.3	1.6	.0086	.171	.170	5	48.8

1945	9.569	.005	3	0	21767.	0.	21767.39	.999	767.1	1586.9	1582.3	721.5	.3	1.6	.0086	.171	.170	5	48.8
1946	9.574	.005	3	0	21678.	0.	21677.79	.999	767.4	1586.9	1582.3	721.8	.3	1.6	.0086	.171	.170	5	48.8
1947	9.580	.005	3	0	21588.	0.	21588.26	.999	767.8	1586.9	1582.3	722.2	.3	1.6	.0086	.171	.171	5	48.8
1948	9.585	.005	3	0	21496.	0.	21495.52	.999	768.1	1586.9	1582.3	722.5	.3	1.6	.0086	.168	.171	5	48.8
1949	9.591	.005	3	0	21401.	0.	21401.43	.998	768.4	1586.9	1582.3	722.8	.3	1.6	.0086	.168	.167	5	48.8
1950	9.596	.005	3	0	21307.	0.	21306.83	.998	768.8	1586.9	1582.3	723.2	.3	1.6	.0086	.168	.167	5	48.8
1951	9.601	.005	3	0	21213.	0.	21213.36	.998	769.1	1586.9	1582.3	723.5	.3	1.6	.0086	.168	.167	5	48.8
1952	9.607	.005	3	0	21119.	0.	21119.11	.997	769.4	1586.8	1582.3	723.8	.3	1.6	.0086	.165	.168	5	48.8
1953	9.612	.005	3	0	21024.	0.	21024.21	.997	769.8	1586.8	1582.3	724.2	.3	1.6	.0086	.165	.164	5	48.8
1954	9.617	.005	3	0	20930.	0.	20929.62	.997	770.1	1586.8	1582.3	724.5	.3	1.6	.0086	.165	.164	5	48.8
1955	9.623	.005	3	0	20835.	0.	20835.06	.996	770.4	1586.8	1582.3	724.8	.3	1.6	.0086	.165	.164	5	48.8
1956	9.628	.005	3	0	20741.	0.	20740.61	.996	770.7	1586.8	1582.3	725.1	.3	1.6	.0086	.162	.164	5	48.8
1957	9.633	.005	3	0	20645.	0.	20645.36	.995	771.1	1586.8	1582.3	725.5	.3	1.6	.0086	.162	.161	5	48.8
1958	9.639	.005	3	0	20550.	0.	20550.24	.995	771.4	1586.8	1582.3	725.8	.3	1.6	.0086	.162	.161	5	48.8
1959	9.644	.005	3	0	20454.	0.	20454.28	.994	771.7	1586.8	1582.3	726.1	.3	1.6	.0086	.162	.161	5	48.8
1960	9.649	.005	3	0	20358.	0.	20358.36	.993	772.0	1586.7	1582.3	726.4	.3	1.5	.0086	.159	.161	5	48.8
1961	9.655	.005	3	0	20262.	0.	20262.25	.993	772.4	1586.7	1582.3	726.7	.3	1.5	.0086	.159	.159	5	48.8
1962	9.660	.005	3	0	20166.	0.	20166.32	.992	772.7	1586.7	1582.3	727.1	.3	1.5	.0086	.159	.159	5	48.8
1963	9.665	.005	3	0	20070.	0.	20069.60	.991	773.0	1586.7	1582.3	727.4	.3	1.5	.0086	.159	.158	5	48.8
1964	9.671	.005	3	0	19973.	0.	19973.41	.990	773.3	1586.7	1582.3	727.7	.3	1.5	.0086	.156	.159	5	48.8
1965	9.676	.005	3	0	19876.	0.	19876.37	.989	773.6	1586.7	1582.3	728.0	.3	1.5	.0086	.156	.156	5	48.8
1966	9.682	.005	3	0	19778.	0.	19778.29	.988	773.9	1586.7	1582.3	728.3	.3	1.5	.0086	.156	.156	5	48.8
1967	9.687	.005	3	0	19681.	0.	19681.22	.987	774.2	1586.6	1582.3	728.6	.3	1.5	.0086	.156	.156	5	48.8
1968	9.692	.005	3	0	19583.	0.	19582.91	.986	774.5	1586.6	1582.3	728.9	.3	1.5	.0086	.153	.153	5	48.8
1969	9.698	.005	3	0	19485.	0.	19485.60	.985	774.9	1586.6	1582.3	729.2	.3	1.5	.0086	.153	.153	5	48.8
1970	9.703	.005	3	0	19387.	0.	19387.18	.984	775.2	1586.6	1582.3	729.5	.3	1.5	.0086	.153	.153	5	48.8
1971	9.708	.005	3	0	19288.	0.	19288.54	.982	775.5	1586.6	1582.3	729.8	.3	1.5	.0086	.150	.153	5	48.8
1972	9.714	.005	3	0	19189.	0.	19189.82	.981	775.8	1586.6	1582.3	730.2	.3	1.5	.0086	.150	.150	5	48.8
1973	9.719	.005	3	0	19090.	0.	19090.22	.980	776.1	1586.6	1582.3	730.5	.3	1.5	.0086	.150	.150	5	48.8
1974	9.724	.005	3	0	18991.	0.	18991.07	.978	776.4	1586.6	1582.3	730.8	.3	1.5	.0086	.150	.150	5	48.8
1975	9.730	.005	3	0	18892.	0.	18891.98	.977	776.7	1586.6	1582.3	731.0	.3	1.5	.0086	.148	.147	5	48.8
1976	9.735	.005	3	0	18793.	0.	18792.81	.975	777.0	1586.5	1582.3	731.3	.3	1.5	.0086	.148	.147	5	48.8
1977	9.740	.005	3	0	18692.	0.	18692.43	.974	777.2	1586.5	1582.3	731.6	.3	1.5	.0086	.148	.147	5	48.8
1978	9.746	.005	3	0	18625.	0.	18625.29	.974	777.5	1586.5	1582.3	731.9	.3	1.5	.0086	.148	.147	5	48.8
1979	9.751	.005	3	0	18557.	0.	18557.25	.974	777.8	1586.5	1582.3	732.2	.3	1.5	.0086	.146	.147	5	48.8
1980	9.757	.005	3	0	18489.	0.	18489.25	.974	778.1	1586.5	1582.3	732.5	.3	1.5	.0086	.146	.146	5	48.8
1981	9.762	.005	3	0	18421.	0.	18421.30	.974	778.4	1586.5	1582.3	732.8	.3	1.5	.0086	.146	.146	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	CH	DHH	KIT	ALG
1982	9.767	.005	3	0	18353.	0.	18353.39	.974	778.7	1586.5	1582.3	733.1	.3	1.5	.0086	.146	.146	5	48.8
1983	9.773	.005	3	0	18285.	0.	18284.73	.974	779.0	1586.5	1582.3	733.4	.3	1.5	.0086	.145	.146	5	48.8
1984	9.778	.005	3	0	18217.	0.	18216.78	.974	779.3	1586.5	1582.3	733.7	.3	1.4	.0086	.142	.142	5	48.8
1985	9.783	.005	3	0	18148.	0.	18148.07	.974	779.6	1586.4	1582.3	734.0	.3	1.4	.0086	.142	.142	5	48.8
1986	9.789	.005	3	0	18079.	0.	18079.42	.974	779.8	1586.4	1582.3	734.2	.3	1.4	.0086	.142	.142	5	48.8
1987	9.794	.005	3	0	18010.	0.	18010.01	.974	780.1	1586.4	1582.3	734.5	.3	1.4	.0086	.142	.142	5	48.8
1988	9.799	.005	3	0	17941.	0.	17941.32	.974	780.4	1586.4	1582.3	734.8	.3	1.4	.0086	.140	.142	5	48.8
1989	9.805	.005	3	0	17872.	0.	17871.89	.974	780.7	1586.4	1582.3	735.1	.3	1.4	.0086	.140	.139	5	48.8
1990	9.810	.005	3	0	17803.	0.	17803.30	.974	781.0	1586.4	1582.3	735.4	.3	1.4	.0086	.140	.139	5	48.8
1991	9.815	.005	3	0	17734.	0.	17733.97	.974	781.3	1586.4	1582.3	735.6	.3	1.4	.0086	.140	.139	5	48.8
1992	9.821	.005	3	0	17664.	0.	17663.89	.974	781.5	1586.4	1582.3	735.9	.3	1.4	.0086	.140	.139	5	48.8
1993	9.826	.005	3	0	17595.	0.	17594.55	.974	781.8	1586.3	1582.3	736.2	.3	1.4	.0086	.137	.140	5	48.8
1994	9.831	.005	3	0	17525.	0.	17525.25	.974	782.1	1586.3	1582.3	736.5	.3	1.4	.0086	.137	.137	5	48.8
1995	9.837	.005	3	0	17455.	0.	17455.22	.974	782.4	1586.3	1582.3	736.7	.3	1.4	.0086	.137	.137	5	48.8
1996	9.842	.005	3	0	17385.	0.	17385.25	.974	782.6	1586.3	1582.3	737.0	.3	1.4	.0086	.137	.137	5	48.8
1997	9.848	.005	3	0	17315.	0.	17315.33	.974	782.9	1586.3	1582.3	737.3	.3	1.4	.0086	.137	.137	5	48.8
1998	9.853	.005	3	0	17245.	0.	17245.35	.974	783.2	1586.3	1582.3	737.6	.3	1.4	.0086	.135	.134	5	48.8
1999	9.858	.005	3	0	17175.	0.	17174.63	.974	783.4	1586.3	1582.3	737.8	.3	1.4	.0086	.135	.134	5	48.8

2000	9.864	.005	3	0	17105.	0.	17104.77	.974	783.7	1586.3	1582.3	738.1	.3	1.4	.0086	.135	.134	5	48.8
2001	9.869	.005	3	0	17034.	0.	17034.18	.974	784.0	1586.3	1582.3	738.4	.3	1.4	.0086	.135	.134	5	48.8
2002	9.874	.005	3	0	16964.	0.	16963.53	.974	784.2	1586.2	1582.3	738.6	.3	1.4	.0086	.132	.135	5	48.8
2003	9.880	.005	3	0	16894.	0.	16893.74	.974	784.5	1586.2	1582.3	738.9	.3	1.4	.0086	.132	.132	5	48.8
2004	9.885	.005	3	0	16822.	0.	16822.43	.974	784.8	1586.2	1582.3	739.2	.3	1.4	.0086	.132	.132	5	48.8
2005	9.890	.005	3	0	16752.	0.	16751.97	.974	785.0	1586.2	1582.3	739.4	.3	1.4	.0086	.132	.132	5	48.8
2006	9.896	.005	3	0	16681.	0.	16681.47	.974	785.3	1586.2	1582.3	739.7	.3	1.4	.0086	.130	.132	5	48.8
2007	9.901	.005	3	0	16610.	0.	16610.24	.974	785.6	1586.2	1582.3	740.0	.3	1.4	.0086	.130	.130	5	48.8
2008	9.906	.005	3	0	16540.	0.	16539.87	.974	785.8	1586.2	1582.3	740.2	.3	1.4	.0086	.130	.130	5	48.8
2009	9.912	.005	3	0	16469.	0.	16468.78	.974	786.1	1586.2	1582.3	740.5	.3	1.4	.0086	.130	.130	5	48.8
2010	9.917	.005	3	0	16398.	0.	16397.76	.974	786.3	1586.1	1582.3	740.7	.3	1.4	.0086	.130	.130	5	48.8
2011	9.923	.005	3	0	16327.	0.	16326.70	.974	786.6	1586.1	1582.3	741.0	.3	1.3	.0086	.128	.127	5	48.8
2012	9.928	.005	3	0	16256.	0.	16255.70	.974	786.9	1586.1	1582.3	741.2	.3	1.3	.0086	.128	.127	5	48.8
2013	9.933	.005	3	0	16184.	0.	16184.00	.974	787.1	1586.1	1582.3	741.5	.3	1.3	.0086	.128	.127	5	48.8
2014	9.939	.005	3	0	16113.	0.	16113.15	.974	787.4	1586.1	1582.3	741.8	.3	1.3	.0086	.128	.127	5	48.8
2015	9.944	.005	3	0	16041.	0.	16041.49	.974	787.6	1586.1	1582.3	742.0	.3	1.3	.0086	.126	.127	5	48.8
2016	9.949	.005	3	0	15970.	0.	15969.90	.974	787.9	1586.1	1582.3	742.3	.3	1.3	.0086	.125	.126	5	48.8
2017	9.955	.005	3	0	15899.	0.	15899.16	.974	788.1	1586.1	1582.3	742.5	.3	1.3	.0086	.125	.125	5	48.8
2018	9.960	.005	3	0	15828.	0.	15827.72	.974	788.4	1586.0	1582.3	742.8	.3	1.3	.0086	.125	.125	5	48.8
2019	9.965	.005	3	0	15755.	0.	15755.47	.974	788.6	1586.0	1582.3	743.0	.2	1.3	.0086	.123	.125	5	48.8
2020	9.971	.005	3	0	15684.	0.	15684.08	.974	788.9	1586.0	1582.3	743.2	.2	1.3	.0086	.123	.123	5	48.8
2021	9.976	.005	3	0	15613.	0.	15612.77	.974	789.1	1586.0	1582.3	743.5	.2	1.3	.0086	.123	.123	5	48.8
2022	9.981	.005	3	0	15541.	0.	15540.76	.974	789.4	1586.0	1582.3	743.7	.2	1.3	.0086	.123	.123	5	48.8
2023	9.987	.005	3	0	15470.	0.	15469.50	.974	789.6	1586.0	1582.3	744.0	.2	1.3	.0086	.121	.123	5	48.8
2024	9.992	.005	3	0	15398.	0.	15397.55	.974	789.8	1586.0	1582.3	744.2	.2	1.3	.0086	.121	.120	5	48.8
2025	9.997	.005	3	0	15326.	0.	15325.68	.974	790.1	1586.0	1582.3	744.5	.2	1.3	.0086	.121	.120	5	48.8
2026	10.003	.005	3	0	15254.	0.	15253.89	.974	790.3	1586.0	1582.3	744.7	.2	1.3	.0086	.121	.120	5	48.8
2027	10.008	.005	3	0	15182.	0.	15182.09	.974	790.6	1585.9	1582.3	744.9	.2	1.3	.0086	.118	.122	5	48.8
2028	10.014	.005	3	0	15110.	0.	15110.37	.974	790.8	1585.9	1582.3	745.2	.2	1.3	.0086	.118	.118	5	48.8
2029	10.019	.005	3	0	15038.	0.	15037.97	.974	791.0	1585.9	1582.3	745.4	.2	1.3	.0086	.118	.118	5	48.8
2030	10.024	.005	3	0	14966.	0.	14966.42	.974	791.3	1585.9	1582.3	745.7	.2	1.3	.0086	.118	.118	5	48.8
2031	10.030	.005	3	0	14894.	0.	14894.10	.974	791.5	1585.9	1582.3	745.9	.2	1.3	.0086	.116	.118	5	48.8
2032	10.035	.005	3	0	14821.	0.	14820.70	.974	791.7	1585.9	1582.3	746.1	.2	1.3	.0086	.116	.116	5	48.8
2033	10.040	.005	3	0	14716.	0.	14715.96	.971	792.0	1585.9	1582.3	746.3	.2	1.3	.0086	.116	.116	5	48.8
2034	10.045	.005	3	0	14611.	0.	14610.60	.969	792.2	1585.9	1582.3	746.6	.2	1.2	.0086	.114	.116	5	48.8
2035	10.051	.005	3	0	14505.	0.	14505.10	.967	792.4	1585.8	1582.3	746.8	.2	1.2	.0086	.114	.114	5	48.8
2036	10.056	.005	3	0	14399.	0.	14399.50	.964	792.6	1585.8	1582.3	747.0	.2	1.2	.0086	.114	.114	5	48.8
2037	10.062	.005	3	0	14294.	0.	14294.09	.962	792.9	1585.8	1582.3	747.3	.2	1.2	.0086	.112	.111	5	48.8
2038	10.067	.005	3	0	14188.	0.	14188.22	.959	793.1	1585.8	1582.3	747.5	.2	1.2	.0086	.112	.111	5	48.8
2039	10.072	.005	3	0	14083.	0.	14083.00	.956	793.3	1585.8	1582.3	747.7	.2	1.2	.0086	.110	.112	5	48.8
2040	10.078	.005	3	0	13977.	0.	13977.36	.953	793.5	1585.8	1582.3	747.9	.2	1.2	.0086	.110	.109	5	48.8
2041	10.083	.005	3	0	13872.	0.	13872.02	.950	793.8	1585.8	1582.3	748.1	.2	1.2	.0086	.110	.109	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2042	10.089	.005	3	0	13767.	0.	13767.22	.947	794.0	1585.8	1582.3	748.4	.2	1.2	.0086	.108	.107	5	48.8
2043	10.094	.005	3	0	13662.	0.	13661.55	.944	794.2	1585.8	1582.3	748.6	.2	1.2	.0086	.108	.107	5	48.8
2044	10.099	.005	3	0	13557.	0.	13557.45	.941	794.4	1585.7	1582.3	748.8	.2	1.2	.0086	.106	.107	5	48.8
2045	10.105	.005	3	0	13453.	0.	13452.91	.937	794.6	1585.7	1582.3	749.0	.2	1.2	.0086	.106	.105	5	48.8
2046	10.110	.005	3	0	13349.	0.	13348.83	.934	794.8	1585.7	1582.3	749.2	.2	1.2	.0086	.106	.105	5	48.8
2047	10.115	.005	3	0	13246.	0.	13245.78	.930	795.0	1585.7	1582.3	749.4	.2	1.2	.0086	.104	.103	5	48.8
2048	10.121	.005	3	0	13143.	0.	13142.55	.927	795.2	1585.7	1582.3	749.6	.2	1.2	.0086	.104	.103	5	48.8
2049	10.126	.005	3	0	13040.	0.	13039.79	.923	795.4	1585.7	1582.3	749.8	.2	1.2	.0086	.102	.103	5	48.8
2050	10.131	.005	3	0	12938.	0.	12938.29	.920	795.6	1585.7	1582.3	750.0	.2	1.2	.0086	.102	.101	5	48.8
2051	10.137	.005	3	0	12836.	0.	12836.03	.916	795.8	1585.7	1582.3	750.2	.2	1.2	.0086	.102	.101	5	48.8
2052	10.142	.005	3	0	12735.	0.	12735.10	.912	796.0	1585.7	1582.3	750.4	.2	1.1	.0086	.100	.099	5	48.8
2053	10.147	.005	3	0	12635.	0.	12634.87	.908	796.2	1585.7	1582.3	750.6	.2	1.1	.0086	.100	.099	5	48.8
2054	10.153	.005	3	0	12535.	0.	12534.72	.904	796.4	1585.6	1582.3	750.8	.2	1.1	.0086	.098	.099	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2055	10.158	.005	3	0	12436.	0.	12436.06	.900	796.6	1585.6	1582.3	751.0	.2	1.1	.0086	.098	.097	5	48.8
2056	10.163	.005	3	0	12338.	0.	12337.69	.896	796.8	1585.6	1582.3	751.2	.2	1.1	.0086	.098	.097	5	48.8
2057	10.169	.005	3	0	12240.	0.	12240.15	.892	797.0	1585.6	1582.3	751.4	.2	1.1	.0086	.096	.096	5	48.8
2058	10.174	.005	3	0	12143.	0.	12142.87	.888	797.2	1585.6	1582.3	751.6	.2	1.1	.0086	.096	.096	5	48.8
2059	10.180	.005	3	0	12046.	0.	12046.48	.884	797.4	1585.6	1582.3	751.8	.2	1.1	.0086	.094	.094	5	48.8
2060	10.185	.005	3	0	11950.	0.	11950.67	.880	797.6	1585.6	1582.3	752.0	.2	1.1	.0086	.094	.094	5	48.8
2061	10.190	.005	3	0	11855.	0.	11855.87	.875	797.8	1585.6	1582.3	752.2	.2	1.1	.0086	.092	.094	5	48.8
2062	10.196	.005	3	0	11762.	0.	11762.15	.871	798.0	1585.6	1582.3	752.3	.2	1.1	.0086	.092	.092	5	48.8
2063	10.201	.005	3	0	11669.	0.	11669.24	.867	798.1	1585.6	1582.3	752.5	.2	1.1	.0086	.092	.092	5	48.8
2064	10.206	.005	3	0	11576.	0.	11576.47	.862	798.3	1585.6	1582.3	752.7	.2	1.1	.0086	.091	.090	5	48.8
2065	10.212	.005	3	0	11485.	0.	11484.63	.858	798.5	1585.6	1582.3	752.9	.2	1.1	.0086	.091	.090	5	48.8
2066	10.217	.005	3	0	11394.	0.	11394.02	.854	798.7	1585.6	1582.3	753.1	.2	1.1	.0086	.089	.090	5	48.8
2067	10.222	.005	3	0	11304.	0.	11304.07	.849	798.9	1585.5	1582.3	753.2	.2	1.1	.0086	.089	.089	5	48.8
2068	10.228	.005	3	0	11215.	0.	11214.83	.845	799.0	1585.5	1582.3	753.4	.2	1.1	.0086	.089	.089	5	48.8
2069	10.233	.005	3	0	11126.	0.	11126.30	.841	799.2	1585.5	1582.3	753.6	.2	1.1	.0086	.087	.087	5	48.8
2070	10.238	.005	3	0	11036.	0.	11036.78	.836	799.4	1585.5	1582.3	753.8	.2	1.1	.0086	.087	.087	5	48.8
2071	10.244	.005	3	0	11008.	0.	11008.00	.836	799.6	1585.5	1582.3	753.9	.2	1.1	.0086	.087	.087	5	48.8
2072	10.249	.005	3	0	10977.	0.	10977.31	.836	799.7	1585.5	1582.3	754.1	.2	1.0	.0086	.085	.087	5	48.8
2073	10.255	.005	3	0	10946.	0.	10946.02	.836	799.9	1585.5	1582.3	754.3	.2	1.0	.0086	.085	.085	5	48.8
2074	10.260	.005	3	0	10914.	0.	10913.50	.836	800.1	1585.5	1582.3	754.5	.2	1.0	.0086	.085	.085	5	48.8
2075	10.265	.005	3	0	10880.	0.	10880.38	.836	800.2	1585.5	1582.3	754.6	.2	1.0	.0086	.085	.085	5	48.8
2076	10.271	.005	3	0	10845.	0.	10845.41	.836	800.4	1585.5	1582.3	754.8	.2	1.0	.0086	.085	.085	5	48.8
2077	10.276	.005	3	0	10810.	0.	10809.84	.836	800.6	1585.5	1582.3	755.0	.2	1.0	.0086	.085	.085	5	48.8
2078	10.281	.005	3	0	10773.	0.	10773.02	.836	800.7	1585.5	1582.3	755.1	.2	1.0	.0086	.084	.085	5	48.8
2079	10.287	.005	3	0	10735.	0.	10734.97	.836	800.9	1585.5	1582.3	755.3	.2	1.0	.0086	.084	.084	5	48.8
2080	10.292	.005	3	0	10696.	0.	10696.35	.836	801.1	1585.5	1582.3	755.5	.2	1.0	.0086	.084	.084	5	48.8
2081	10.297	.005	3	0	10657.	0.	10656.51	.836	801.3	1585.5	1582.3	755.6	.2	1.0	.0086	.084	.084	5	48.8
2082	10.303	.005	3	0	10615.	0.	10615.48	.836	801.4	1585.4	1582.3	755.8	.2	1.0	.0086	.084	.084	5	48.8
2083	10.308	.005	3	0	10575.	0.	10575.06	.836	801.6	1585.4	1582.3	756.0	.2	1.0	.0086	.082	.084	5	48.8
2084	10.313	.005	3	0	10535.	0.	10534.67	.836	801.8	1585.4	1582.3	756.1	.2	1.0	.0086	.082	.082	5	48.8
2085	10.319	.005	3	0	10494.	0.	10494.33	.836	801.9	1585.4	1582.3	756.3	.2	1.0	.0086	.082	.082	5	48.8
2086	10.324	.005	3	0	10455.	0.	10454.65	.836	802.1	1585.4	1582.3	756.5	.2	1.0	.0086	.082	.082	5	48.8
2087	10.329	.005	3	0	10416.	0.	10415.62	.836	802.2	1585.4	1582.3	756.6	.2	1.0	.0086	.082	.082	5	48.8
2088	10.335	.005	3	0	10377.	0.	10376.58	.836	802.4	1585.4	1582.3	756.8	.2	1.0	.0086	.081	.082	5	48.8
2089	10.340	.005	3	0	10338.	0.	10338.20	.836	802.6	1585.4	1582.3	757.0	.2	1.0	.0086	.081	.081	5	48.8
2090	10.346	.005	3	0	10300.	0.	10300.47	.836	802.7	1585.4	1582.3	757.1	.2	1.0	.0086	.081	.081	5	48.8
2091	10.351	.005	3	0	10263.	0.	10262.77	.836	802.9	1585.4	1582.3	757.3	.2	1.0	.0086	.081	.081	5	48.8
2092	10.356	.005	3	0	10226.	0.	10225.72	.836	803.1	1585.4	1582.3	757.4	.2	1.0	.0086	.081	.081	5	48.8
2093	10.362	.005	3	0	10189.	0.	10188.66	.836	803.2	1585.4	1582.3	757.6	.2	1.0	.0086	.079	.081	5	48.8
2094	10.367	.005	3	0	10152.	0.	10152.25	.836	803.4	1585.3	1582.3	757.8	.2	1.0	.0086	.079	.079	5	48.8
2095	10.372	.005	3	0	10116.	0.	10115.87	.836	803.5	1585.3	1582.3	757.9	.2	1.0	.0086	.079	.079	5	48.8
2096	10.378	.005	3	0	10080.	0.	10080.14	.836	803.7	1585.3	1582.3	758.1	.2	1.0	.0086	.079	.079	5	48.8
2097	10.383	.005	3	0	10044.	0.	10044.44	.836	803.8	1585.3	1582.3	758.2	.2	1.0	.0086	.079	.079	5	48.8
2098	10.388	.005	3	0	10009.	0.	10009.38	.836	804.0	1585.3	1582.3	758.4	.2	1.0	.0086	.079	.079	5	48.8
2099	10.394	.005	3	0	9974.	0.	9974.31	.836	804.2	1585.3	1582.3	758.5	.2	1.0	.0086	.078	.079	5	48.8
2100	10.399	.005	3	0	9940.	0.	9939.88	.836	804.3	1585.3	1582.3	758.7	.2	1.0	.0086	.078	.078	5	48.8
2101	10.404	.005	3	0	9905.	0.	9905.47	.836	804.5	1585.3	1582.3	758.9	.2	1.0	.0086	.078	.078	5	48.8
2102	10.410	.005	3	0	9872.	0.	9871.71	.836	804.6	1585.3	1582.3	759.0	.2	1.0	.0086	.078	.078	5	48.8
2103	10.415	.005	3	0	9838.	0.	9837.97	.836	804.8	1585.3	1582.3	759.2	.2	1.0	.0086	.078	.078	5	48.8
2104	10.421	.005	3	0	9804.	0.	9804.23	.836	804.9	1585.3	1582.3	759.3	.2	1.0	.0086	.076	.078	5	48.8
2105	10.426	.005	3	0	9771.	0.	9771.12	.836	805.1	1585.3	1582.3	759.5	.2	1.0	.0086	.076	.076	5	48.8
2106	10.431	.005	3	0	9738.	0.	9738.04	.836	805.2	1585.3	1582.3	759.6	.2	1.0	.0086	.076	.076	5	48.8
2107	10.437	.005	3	0	9705.	0.	9704.98	.836	805.4	1585.3	1582.3	759.8	.2	1.0	.0086	.076	.076	5	48.8
2108	10.442	.005	3	0	9673.	0.	9672.56	.836	805.5	1585.2	1582.3	759.9	.2	1.0	.0086	.076	.076	5	48.8
2109	10.447	.005	3	0	9641.	0.	9640.77	.836	805.7	1585.2	1582.3	760.1	.2	1.0	.0086	.076	.076	5	48.8

2110	10.453	.005	3	0	9608.	0.	9608.36	.836	805.8	1585.2	1582.3	760.2	.1	1.0	.0086	.075	.076	5	48.8
2111	10.458	.005	3	0	9577.	0.	9576.58	.836	806.0	1585.2	1582.3	760.4	.1	1.0	.0086	.075	.075	5	48.8
2112	10.463	.005	3	0	9545.	0.	9544.83	.836	806.1	1585.2	1582.3	760.5	.1	1.0	.0086	.075	.075	5	48.8
2113	10.469	.005	3	0	9514.	0.	9513.71	.836	806.3	1585.2	1582.3	760.7	.1	1.0	.0086	.075	.075	5	48.8
2114	10.474	.005	3	0	9483.	0.	9482.62	.836	806.4	1585.2	1582.3	760.8	.1	1.0	.0086	.075	.075	5	48.8
2115	10.479	.005	3	0	9452.	0.	9451.54	.836	806.6	1585.2	1582.3	761.0	.1	1.0	.0086	.075	.075	5	48.8
2116	10.485	.005	3	0	9420.	0.	9420.46	.836	806.7	1585.2	1582.3	761.1	.1	.9	.0086	.073	.075	5	48.8
2117	10.490	.005	3	0	9390.	0.	9390.00	.836	806.9	1585.2	1582.3	761.3	.1	.9	.0086	.073	.073	5	48.8
2118	10.495	.005	3	0	9360.	0.	9359.57	.836	807.0	1585.2	1582.3	761.4	.1	.9	.0086	.074	.073	5	48.8
2119	10.501	.005	3	0	9329.	0.	9329.16	.836	807.2	1585.2	1582.3	761.6	.1	.9	.0086	.074	.073	5	48.8
2120	10.506	.005	3	0	9299.	0.	9298.78	.836	807.3	1585.2	1582.3	761.7	.1	.9	.0086	.074	.073	5	48.8
2121	10.512	.005	3	0	9269.	0.	9268.98	.836	807.5	1585.2	1582.3	761.9	.1	.9	.0086	.072	.073	5	48.8
2122	10.517	.005	3	0	9239.	0.	9239.21	.836	807.6	1585.2	1582.3	762.0	.1	.9	.0086	.072	.072	5	48.8
2123	10.522	.005	3	0	9209.	0.	9209.46	.836	807.8	1585.1	1582.3	762.2	.1	.9	.0086	.072	.072	5	48.8
2124	10.528	.005	3	0	9180.	0.	9180.33	.836	807.9	1585.1	1582.3	762.3	.1	.9	.0086	.072	.072	5	48.8
2125	10.533	.005	3	0	9151.	0.	9150.63	.836	808.1	1585.1	1582.3	762.4	.1	.9	.0086	.072	.072	5	48.8
2126	10.538	.005	3	0	9122.	0.	9121.54	.836	808.2	1585.1	1582.3	762.6	.1	.9	.0086	.072	.072	5	48.8
2127	10.544	.005	3	0	9092.	0.	9092.45	.836	808.3	1585.1	1582.3	762.7	.1	.9	.0086	.071	.072	5	48.8
2128	10.549	.005	3	0	9063.	0.	9063.38	.836	808.5	1585.1	1582.3	762.9	.1	.9	.0086	.071	.071	5	48.8
2129	10.554	.005	3	0	9035.	0.	9034.32	.836	808.6	1585.1	1582.3	763.0	.1	.9	.0086	.071	.071	5	48.8
2130	10.560	.005	3	0	9006.	0.	9005.30	.836	808.8	1585.1	1582.3	763.2	.1	.9	.0086	.071	.071	5	48.8
2131	10.565	.005	3	0	8977.	0.	8977.49	.836	808.9	1585.1	1582.3	763.3	.1	.9	.0086	.071	.071	5	48.8
2132	10.570	.005	3	0	8949.	0.	8949.11	.836	809.0	1585.1	1582.3	763.4	.1	.9	.0086	.071	.071	5	48.8
2133	10.576	.005	3	0	8921.	0.	8920.71	.836	809.2	1585.1	1582.3	763.6	.1	.9	.0086	.069	.071	5	48.8
2134	10.581	.005	3	0	8892.	0.	8892.34	.836	809.3	1585.1	1582.3	763.7	.1	.9	.0086	.069	.069	5	48.8
2135	10.587	.005	3	0	8865.	0.	8864.58	.836	809.5	1585.1	1582.3	763.9	.1	.9	.0086	.069	.069	5	48.8
2136	10.592	.005	3	0	8836.	0.	8836.25	.836	809.6	1585.1	1582.3	764.0	.1	.9	.0086	.069	.069	5	48.8
2137	10.597	.005	3	0	8809.	0.	8808.54	.836	809.7	1585.1	1582.3	764.1	.1	.9	.0086	.069	.069	5	48.8
2138	10.603	.005	3	0	8781.	0.	8780.84	.836	809.9	1585.1	1582.3	764.3	.1	.9	.0086	.069	.069	5	48.8
2139	10.608	.005	3	0	8753.	0.	8753.14	.836	810.0	1585.0	1582.3	764.4	.1	.9	.0086	.068	.069	5	48.8
2140	10.613	.005	3	0	8725.	0.	8725.46	.836	810.2	1585.0	1582.3	764.5	.1	.9	.0086	.068	.068	5	48.8
2141	10.619	.005	3	0	8698.	0.	8697.80	.836	810.3	1585.0	1582.3	764.7	.1	.9	.0086	.068	.068	5	48.8
2142	10.624	.005	3	0	8670.	0.	8670.17	.836	810.4	1585.0	1582.3	764.8	.1	.9	.0086	.068	.068	5	48.8
2143	10.629	.005	3	0	8643.	0.	8643.14	.836	810.6	1585.0	1582.3	764.9	.1	.9	.0086	.068	.068	5	48.8
2144	10.635	.005	3	0	8616.	0.	8615.55	.836	810.7	1585.0	1582.3	765.1	.1	.9	.0086	.068	.068	5	48.8
2145	10.640	.005	3	0	8589.	0.	8588.53	.836	810.8	1585.0	1582.3	765.2	.1	.9	.0086	.067	.068	5	48.8
2146	10.645	.005	3	0	8562.	0.	8561.54	.836	811.0	1585.0	1582.3	765.4	.1	.9	.0086	.067	.067	5	48.8
2147	10.651	.005	3	0	8535.	0.	8534.57	.836	811.1	1585.0	1582.3	765.5	.1	.9	.0086	.067	.067	5	48.8
2148	10.656	.005	3	0	8508.	0.	8507.62	.836	811.2	1585.0	1582.3	765.6	.1	.9	.0086	.067	.067	5	48.8
2149	10.661	.005	3	0	8481.	0.	8480.69	.836	811.4	1585.0	1582.3	765.8	.1	.9	.0086	.067	.067	5	48.8
2150	10.667	.005	3	0	8454.	0.	8453.79	.836	811.5	1585.0	1582.3	765.9	.1	.9	.0086	.067	.067	5	48.8
2151	10.672	.005	3	0	8427.	0.	8426.88	.836	811.6	1585.0	1582.3	766.0	.1	.9	.0086	.066	.067	5	48.8
2152	10.678	.005	3	0	8400.	0.	8399.99	.836	811.8	1585.0	1582.3	766.2	.1	.9	.0086	.066	.065	5	48.8
2153	10.683	.005	3	0	8374.	0.	8373.70	.836	811.9	1585.0	1582.3	766.3	.1	.9	.0086	.066	.065	5	48.8
2154	10.688	.005	3	0	8347.	0.	8346.86	.836	812.0	1585.0	1582.3	766.4	.1	.9	.0086	.066	.065	5	48.8
2155	10.694	.005	3	0	8321.	0.	8320.61	.836	812.2	1584.9	1582.3	766.5	.1	.9	.0086	.066	.065	5	48.8
2156	10.699	.005	3	0	8279.	0.	8279.22	.835	812.3	1584.9	1582.3	766.7	.1	.9	.0086	.065	.065	5	48.8
2157	10.704	.005	3	0	8202.	0.	8202.46	.829	812.4	1584.9	1582.3	766.8	.1	.9	.0086	.064	.064	5	48.8
2158	10.710	.005	3	0	8130.	0.	8129.75	.825	812.5	1584.9	1582.3	766.9	.1	.9	.0086	.064	.064	5	48.8
2159	10.715	.005	3	0	8062.	0.	8061.86	.820	812.7	1584.9	1582.3	767.1	.1	.9	.0086	.063	.063	5	48.8
2160	10.720	.005	3	0	7997.	0.	7996.67	.815	812.8	1584.9	1582.3	767.2	.1	.9	.0086	.063	.063	5	48.8
2161	10.726	.005	3	0	7934.	0.	7934.26	.811	812.9	1584.9	1582.3	767.3	.1	.9	.0086	.062	.062	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2162	10.731	.005	3	0	7876.	0.	7876.47	.807	813.0	1584.9	1582.3	767.4	.1	.9	.0086	.062	.062	5	48.8
2163	10.736	.005	3	0	7822.	0.	7821.69	.803	813.2	1584.9	1582.3	767.6	.1	.9	.0086	.062	.061	5	48.8
2164	10.742	.005	3	0	7770.	0.	7769.95	.799	813.3	1584.9	1582.3	767.7	.1	.8	.0086	.061	.061	5	48.8

2165	10.747	.005	3	0	7721.	0.	7721.37	.796	813.4	1584.9	1582.3	767.8	.1	.8	.0086	.061	.061	5	48.8
2166	10.753	.005	3	0	7674.	0.	7674.21	.792	813.5	1584.9	1582.3	767.9	.1	.8	.0086	.061	.061	5	48.8
2167	10.758	.005	3	0	7629.	0.	7628.53	.789	813.7	1584.9	1582.3	768.0	.1	.8	.0086	.061	.061	5	48.8
2168	10.763	.005	3	0	7586.	0.	7586.16	.786	813.8	1584.9	1582.3	768.2	.1	.8	.0086	.061	.059	5	48.8
2169	10.769	.005	3	0	7545.	0.	7545.31	.782	813.9	1584.9	1582.3	768.3	.1	.8	.0086	.058	.059	5	48.8
2170	10.774	.005	3	0	7506.	0.	7506.03	.779	814.0	1584.9	1582.3	768.4	.1	.8	.0086	.058	.059	5	48.8
2171	10.779	.005	3	0	7468.	0.	7468.38	.777	814.1	1584.9	1582.3	768.5	.1	.8	.0086	.058	.059	5	48.8
2172	10.785	.005	3	0	7432.	0.	7431.84	.774	814.2	1584.9	1582.3	768.6	.1	.8	.0086	.058	.059	5	48.8
2173	10.790	.005	3	0	7396.	0.	7396.15	.771	814.4	1584.9	1582.3	768.7	.1	.8	.0086	.058	.059	5	48.8
2174	10.795	.005	3	0	7363.	0.	7362.98	.769	814.5	1584.9	1582.3	768.9	.1	.8	.0086	.058	.059	5	48.8
2175	10.801	.005	3	0	7330.	0.	7330.16	.766	814.6	1584.9	1582.3	769.0	.1	.8	.0086	.058	.059	5	48.8
2176	10.806	.005	3	0	7297.	0.	7297.18	.763	814.7	1584.9	1582.3	769.1	.1	.8	.0086	.058	.056	5	48.8
2177	10.811	.005	3	0	7266.	0.	7265.95	.761	814.8	1584.9	1582.3	769.2	.1	.8	.0086	.058	.056	5	48.8
2178	10.817	.005	3	0	7235.	0.	7235.03	.758	814.9	1584.9	1582.3	769.3	.1	.8	.0086	.056	.056	5	48.8
2179	10.822	.005	3	0	7205.	0.	7205.37	.756	815.0	1584.9	1582.3	769.4	.1	.8	.0086	.056	.056	5	48.8
2180	10.827	.005	3	0	7177.	0.	7176.99	.754	815.2	1584.9	1582.3	769.5	.1	.8	.0086	.056	.056	5	48.8
2181	10.833	.005	3	0	7148.	0.	7147.58	.751	815.3	1584.9	1582.3	769.7	.1	.8	.0086	.056	.056	5	48.8
2182	10.838	.005	3	0	7119.	0.	7118.96	.749	815.4	1584.9	1582.3	769.8	.1	.8	.0086	.056	.056	5	48.8
2183	10.844	.005	3	0	7091.	0.	7091.24	.747	815.5	1584.9	1582.3	769.9	.1	.8	.0086	.056	.056	5	48.8
2184	10.849	.005	3	0	7064.	0.	7064.35	.745	815.6	1584.9	1582.3	770.0	.1	.8	.0086	.056	.056	5	48.8
2185	10.854	.005	3	0	7036.	0.	7036.39	.742	815.7	1584.9	1582.3	770.1	.1	.8	.0086	.056	.056	5	48.8
2186	10.860	.005	3	0	7010.	0.	7009.78	.740	815.8	1584.9	1582.3	770.2	.1	.8	.0086	.056	.054	5	48.8
2187	10.865	.005	3	0	6983.	0.	6983.06	.738	815.9	1584.9	1582.3	770.3	.1	.8	.0086	.055	.054	5	48.8
2188	10.870	.005	3	0	6958.	0.	6957.69	.736	816.0	1584.9	1582.3	770.4	.1	.8	.0086	.054	.054	5	48.8
2189	10.876	.005	3	0	6931.	0.	6930.72	.734	816.2	1584.9	1582.3	770.5	.1	.8	.0086	.054	.054	5	48.8
2190	10.881	.005	3	0	6904.	0.	6904.15	.732	816.3	1584.8	1582.3	770.7	.1	.8	.0086	.054	.054	5	48.8
2191	10.886	.005	3	0	6879.	0.	6878.98	.730	816.4	1584.8	1582.3	770.8	.1	.8	.0086	.054	.054	5	48.8
2192	10.892	.005	3	0	6853.	0.	6853.22	.727	816.5	1584.8	1582.3	770.9	.1	.8	.0086	.054	.054	5	48.8
2193	10.897	.005	3	0	6828.	0.	6827.86	.725	816.6	1584.8	1582.3	771.0	.1	.8	.0086	.054	.054	5	48.8
2194	10.902	.005	3	0	6802.	0.	6802.41	.723	816.7	1584.8	1582.3	771.1	.1	.8	.0086	.053	.054	5	48.8
2195	10.908	.005	3	0	6777.	0.	6777.35	.721	816.8	1584.8	1582.3	771.2	.1	.8	.0086	.053	.054	5	48.8
2196	10.913	.005	3	0	6753.	0.	6753.26	.719	816.9	1584.8	1582.3	771.3	.1	.8	.0086	.053	.054	5	48.8
2197	10.919	.005	3	0	6728.	0.	6727.53	.717	817.0	1584.8	1582.3	771.4	.1	.8	.0086	.053	.054	5	48.8
2198	10.924	.005	3	0	6702.	0.	6702.18	.715	817.1	1584.8	1582.3	771.5	.1	.8	.0086	.053	.052	5	48.8
2199	10.929	.005	3	0	6678.	0.	6677.83	.713	817.2	1584.8	1582.3	771.6	.1	.8	.0086	.053	.052	5	48.8
2200	10.935	.005	3	0	6652.	0.	6652.26	.710	817.3	1584.8	1582.3	771.7	.1	.8	.0086	.051	.052	5	48.8
2201	10.940	.005	3	0	6628.	0.	6627.71	.708	817.4	1584.8	1582.3	771.8	.1	.8	.0086	.051	.052	5	48.8
2202	10.945	.005	3	0	6604.	0.	6603.55	.706	817.5	1584.8	1582.3	771.9	.1	.8	.0086	.051	.052	5	48.8
2203	10.951	.005	3	0	6578.	0.	6577.69	.704	817.6	1584.8	1582.3	772.0	.1	.8	.0086	.051	.052	5	48.8
2204	10.956	.005	3	0	6553.	0.	6553.36	.702	817.7	1584.8	1582.3	772.1	.1	.8	.0086	.051	.052	5	48.8
2205	10.961	.005	3	0	6529.	0.	6528.94	.700	817.8	1584.8	1582.3	772.2	.1	.8	.0086	.051	.052	5	48.8
2206	10.967	.005	3	0	6504.	0.	6504.43	.698	817.9	1584.8	1582.3	772.3	.1	.8	.0086	.051	.052	5	48.8
2207	10.972	.005	3	0	6480.	0.	6479.84	.696	818.0	1584.8	1582.3	772.4	.1	.8	.0086	.051	.052	5	48.8
2208	10.977	.005	3	0	6455.	0.	6455.17	.694	818.1	1584.8	1582.3	772.5	.1	.8	.0086	.051	.052	5	48.8
2209	10.983	.005	3	0	6432.	0.	6432.07	.692	818.3	1584.8	1582.3	772.6	.1	.8	.0086	.051	.050	5	48.8
2210	10.988	.005	3	0	6407.	0.	6407.23	.689	818.4	1584.8	1582.3	772.7	.1	.8	.0086	.051	.050	5	48.8
2211	10.993	.005	3	0	6382.	0.	6382.27	.687	818.5	1584.8	1582.3	772.8	.1	.7	.0086	.049	.050	5	48.8
2212	10.999	.005	3	0	6357.	0.	6357.22	.685	818.5	1584.8	1582.3	772.9	.1	.7	.0086	.049	.050	5	48.8
2213	11.004	.005	3	0	6333.	0.	6332.54	.683	818.6	1584.8	1582.3	773.0	.1	.7	.0086	.049	.050	5	48.8
2214	11.010	.005	3	0	6309.	0.	6309.03	.681	818.7	1584.8	1582.3	773.1	.1	.7	.0086	.049	.050	5	48.8
2215	11.015	.005	3	0	6284.	0.	6284.18	.679	818.8	1584.8	1582.3	773.2	.1	.7	.0086	.049	.049	5	48.8
2216	11.020	.005	3	0	6261.	0.	6260.52	.677	818.9	1584.8	1582.3	773.3	.1	.7	.0086	.049	.049	5	48.8
2217	11.026	.005	3	0	6235.	0.	6235.50	.674	819.0	1584.8	1582.3	773.4	.1	.7	.0086	.049	.049	5	48.8
2218	11.031	.005	3	0	6212.	0.	6211.67	.672	819.1	1584.8	1582.3	773.5	.1	.7	.0086	.049	.049	5	48.8
2219	11.036	.005	3	0	6186.	0.	6186.48	.670	819.2	1584.8	1582.3	773.6	.1	.7	.0086	.049	.049	5	48.8
2220	11.042	.005	3	0	6163.	0.	6162.50	.668	819.3	1584.8	1582.3	773.7	.1	.7	.0086	.049	.048	5	48.8
2221	11.047	.005	3	0	6139.	0.	6138.90	.666	819.4	1584.8	1582.3	773.8	.1	.7	.0086	.049	.048	5	48.8

I	T	DTH	KG	KC	QTOT	QTS	QB	SUB	BT	HY	HC	BO	PPP	HP	CNN	DH	DHH	KIT	ALG
2222	11.052	.005	3	0	6113.	0.	6113.42	.663	819.5	1584.8	1582.3	773.9	.1	.7	.0086	.047	.047	5	48.8
2223	11.058	.005	3	0	6089.	0.	6089.18	.661	819.6	1584.8	1582.3	774.0	.1	.7	.0086	.047	.047	5	48.8
2224	11.063	.005	3	0	6065.	0.	6065.31	.659	819.7	1584.8	1582.3	774.1	.1	.7	.0086	.047	.047	5	48.8
2225	11.068	.005	3	0	6041.	0.	6041.37	.657	819.8	1584.8	1582.3	774.2	.1	.7	.0086	.047	.047	5	48.8

KTT= 0 I= 2225 T= 11.07

OUTPUT SUMMARY

QBP	MAX OUTFLOW(CFS) THRU BREACH	60605.
TP	TIME(HR) AT WHICH PEAK OUTFLOW OCCURS	7.58
QP	MAX TOTAL OUTFLOW(CFS) OCCURRING AT TIME TP	60605.
TRS	DURATION(HR) OF RISING LIMB OF HYDROGRAPH	7.17
TB	TIME(HR) AT WHICH SIGN. RISE IN OUTFLOW STARTS	.00
BRD	FINAL DEPTH(FT) OF BREACH	20.00
BRW	FINAL TOP WIDTH(FT) OF BREACH AT PEAK BREACH FLOW	511.36
HU	ELEV(FT) OF TOP OF DAM	1602.30
HY	FINAL ELEV(FT) OF RESERVOIR WATER SURFACE	1584.20
HC	FINAL ELEV(FT) OF BOTTOM OF BREACH	1582.300
AGL	ACUTE ANGLE THAT BREACH SIDE MAKES WITH VERTICAL AT QBP	48.750
QO	OUTFLOW (CFS) AT T=0.0	25.2741
Z	SIDE SLOPE OF BREACH (FT/FT) AT PEAK BREACH FLOW	1.14
TFH	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY USING SIMPLIFIED DAM-BREAK DISCHARGE EQUATION	1.15
TFHI	TIME OF FAILURE (HR) WHICH IS LINEAR EQUIVALENT OF TRS OBTAINED BY INTEGRATING QB VS TIME FROM T=0 TO T=TP	5.10
BO	BOTTOM WIDTH (FT) OF BREACH AT PEAK BREACH FLOW	465.75

1

QTIME	.0	7000.0	14000.0	21000.0	28000.0	35000.0	42000.0	49000.0	56000.0	63000.0	70000.0	DISCHARGE
.000*												0.
.050*												69.
.100*												131.
.150*												199.
.200*												272.
.250*												346.
.300.*												422.
.350.*												499.
.400.*												577.
.450.*												655.
.500.*												734.
.550.*												813.
.600.*												891.
.650.*												970.
.700.*												1049.
.750. *												1128.
.800. *												1207.
.850. *												1286.
.900. *												1365.
.950. *												1444.
1.000. *												1522.
1.050. *												1601.
1.100. *												1679.
1.150. *												2477.

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1.200.  *                                                  2474.
1.250.   *                                                 3298.
1.300.   *                                                 3405.
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1.500.    *                                                3865.
1.550.    *                                                3989.
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1.650.    *                                                4246.
1.700.    *                                                4381.
1.750.    *                                                4519.
1.800.     *                                               4661.
1.850.     *                                               4807.
1.900.     *                                               4957.
1.950.     *                                               5110.
2.000.      *                                              5268.
2.050.      *                                              5430.
2.100.      *                                              5596.
2.150.      *                                              5766.
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2.300.       *                                             6302.
2.350.       *                                             6490.
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2.450.        *                                            6877.
2.500.        *                                            7077.
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2.600.        *                                            7491.
2.650.        *                                            7703.
2.700.        *                                            7921.
2.750.         *                                           8142.
2.800.         *                                           8367.
2.850.         *                                           8597.
2.900.          *                                          8830.
2.950.          *                                          9067.
3.000.          *                                          9308.
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3.100.           *                                         9800.
3.150.           *                                         10051.
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3.650.              *                                      12100.
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3.750.               *                                     12584.
3.800.               *                                     12839.
3.850.                *                                    13103.
3.900.                *                                    13376.
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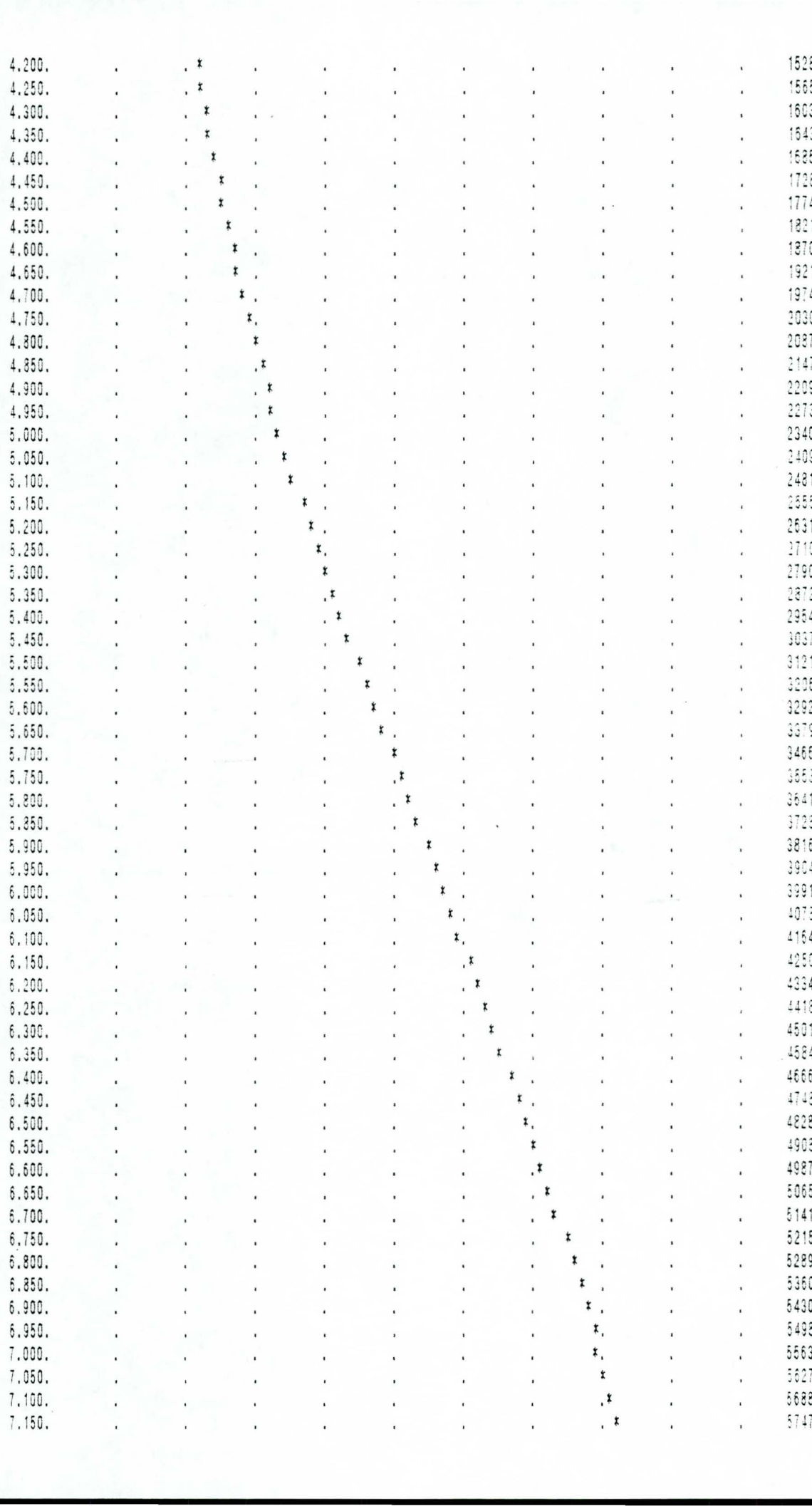
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10.050.	14525.
10.100.	13542.
10.150.	12586.

```
10.200.        .     *  .     .     .     .     .     .     .     .     .     11685.
10.250.        .    *   .     .     .     .     .     .     .     .     .     10972.
10.300.        .   *    .     .     .     .     .     .     .     .     .     10636.
10.350.        .   *    .     .     .     .     .     .     .     .     .     10269.
10.400.        .  *     .     .     .     .     .     .     .     .     .      9934.
10.450.        .  *     .     .     .     .     .     .     .     .     .      9624.
10.500.        . *      .     .     .     .     .     .     .     .     .      9334.
10.550.        . *      .     .     .     .     .     .     .     .     .      9058.
10.600.        . *      .     .     .     .     .     .     .     .     .      8794.
10.650.        . *      .     .     .     .     .     .     .     .     .      8538.
10.700.        . *      .     .     .     .     .     .     .     .     .      8264.
10.750.        .*       .     .     .     .     .     .     .     .     .      7996.
10.800.        *        .     .     .     .     .     .     .     .     .      7334.
10.850.        *        .     .     .     .     .     .     .     .     .      7058.
10.900.        *        .     .     .     .     .     .     .     .     .      6814.
10.950.       *.        .     .     .     .     .     .     .     .     .      6581.
11.000.       *.        .     .     .     .     .     .     .     .     .      6352.
11.050.       *.        .     .     .     .     .     .     .     .     .      6125.
11.100.      * .        .     .     .     .     .     .     .     .     .      5901.
```

APPENDIX C

DAMBRK Files

APPENDIX C

This appendix contains printouts for the following DAMBRK model runs:

Structure	File Name
Powerline	POP7-4R.OR1
Rittenhouse	ROP7-4.OR1

POP7-4R.OR1 - Powerline

ANALYSIS OF THE DOWNSTREAM FLOOD HYDROGRAPH

PRODUCED BY THE DAM BREAK OF

POWERLINE FRS

ON

POWERLINE RES.

ANALYSIS BY

JAMES M. MONTGOMERY
6245 N. 24th PKWY STE. 208
PHOENIX, AZ 85016

BASED ON PROCEDURE DEVELOPED BY
DANNY L. FREAD, PH.D., SR. RESEARCH HYDROLOGIST

QUALITY CONTROL TESTING AND OTHER SUPPORT BY
JANICE M. LEWIS, RESEARCH HYDROLOGIST

HYDROLOGIC RESEARCH LABORATORY
W23, OFFICE OF HYDROLOGY
NOAA, NATIONAL WEATHER SERVICE
SILVER SPRING, MARYLAND 20910

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*******************************
*******************************
***                         ***
***  SUMMARY OF INPUT DATA  ***
***                         ***
*******************************
*******************************
```

INPUT CONTROL PARAMETERS FOR POWERLINE FRS

PARAMETER	VARIABLE	VALUE
NUMBER OF DYNAMIC ROUTING REACHES	KKN	9
TYPE OF RESERVOIR ROUTING	KUI	0
MULTIPLE DAM INDICATOR	MULDAM	0
PRINTING INSTRUCTIONS FOR INPUT SUMMARY	KDMP	3
NO. OF RESERVOIR INFLOW HYDROGRAPH POINTS	ITEH	12
INTERVAL OF CROSS-SECTION INFO PRINTED OUT WHEN JNK=9	NPRT	7
FLOOD-PLAIN MODEL PARAMETER	KFLP	1
METRIC INPUT/OUTPUT OPTION	METRIC	0

(NPT(K),K=1,NPRT) 1 12 22 32 42 52 56

DHF(INTERVAL BETWEEN INPUT HYDROGRAPH ORDINATES) = .00 HRS.

TEH(TIME AT WHICH COMPUTATIONS TERMINATE)= 8.0000 HRS.

BREX(BREACH EXPONENT) = 1.000

MUD(MUD FLOW OPTION) = 0

IWF(TYPE OF WAVE FRONT TRACKING) = 0

KPRES(WETTED PERIMETER OPTION) = 1

KSL(LANDSLIDE PARAMETER) = 0

INFLOW HYDROGRAPH TO POWERLINE FRS

****

800.00 19218.00 27350.00 38207.00 68889.00 80975.00 82570.00 78185.00
67324.00 25831.00 19276.00 8120.00

TIME OF INFLOW HYDROGRAPH ORDINATES

.0000 3.4000 3.9000 4.4000 5.1000 5.6000 5.7000 6.1000
6.4000 7.3000 7.9000 10.5000

1

CROSS-SECTIONAL PARAMETERS FOR POWERLINE RES.
BELOW POWERLINE FRS

PARAMETER	VARIABLE	VALUE
NUMBER OF CROSS-SECTIONS	NS	7
MAXIMUM NUMBER OF TOP WIDTHS	NCS	7
NUMBER OF CROSS-SECTIONAL HYDROGRAPHS TO PLOT	NTT	6
TYPE OF OUTPUT OTHER THAN HYDROGRAPH PLOTS	JNK	9
CROSS-SECTIONAL SMOOTHING PARAMETER	KSA	0
DOWNSTREAM SUPERCRITICAL OR NOT	KSUPC	0
NO. OF LATERAL INFLOW HYDROGRAPHS	LQ	0
NO. OF POINTS IN GATE CONTROL CURVE	KCG	0

NUMBER OF CROSS-SECTION WHERE HYDROGRAPH DESIRED
(MAX NUMBER OF HYDROGRAPHS = 6)
****

1 3 4 5 6 7

CROSS-SECTIONAL VARIABLES FOR POWERLINE RES.
BELOW POWERLINE FRS

PARAMETER	UNITS	VARIABLE
LOCATION OF CROSS-SECTION	MILE	XS(I)
ELEVATION(MSL) OF FLOODING AT CROSS-SECTION	FEET	FSTG(I)

ELEV CORRESPONDING TO EACH TOP WIDTH	FEET	HS(K,I)
TOP WIDTH CORRESPONDING TO EACH ELEV (ACTIVE FLOW PORTION)	FEET	BS(K,I)
TOP WIDTH CORRESPONDING TO EACH ELEV (OFF-CHANNEL PORTION)	FEET	BSS(K,I)
NUMBER OF CROSS-SECTION		I
NUMBER OF ELEVATION LEVEL		K

1

CROSS-SECTION NUMBER 1
****

XS(I) = .010 FSTG(I) = .00

HS ...	1565.0	1565.1	1566.0	1567.5	1568.0	1580.0	1595.0
BS ...	.0	1000.0	1000.0	1000.0	1000.0	1000.0	1000.0
BSL ...	.0	.0	.0	12.5	17.5	25.0	25.0
BSR ...	.0	.0	.0	12.5	17.5	25.0	25.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 2
****

XS(I) = .960 FSTG(I) = .00

HS ...	1518.0	1519.0	1520.0	1521.0	1522.0	1530.0	1540.0
BS ...	.0	500.0	1000.0	1000.0	1000.0	1000.0	1000.0
BSL ...	.0	.0	.0	250.0	1250.0	2450.0	2550.0
BSR ...	.0	.0	.0	250.0	1250.0	2450.0	2550.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 3
****

XS(I) = 3.040 FSTG(I) = .00

HS ...	1444.0	1445.0	1449.0	1450.0	1454.0	1456.0	1460.0
BS ...	.0	100.0	1200.0	1200.0	1200.0	1200.0	1200.0
BSL ...	.0	.0	.0	1050.0	3650.0	4400.0	4400.0
BSR ...	.0	.0	.0	1050.0	3650.0	4400.0	4400.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 4
****

XS(I) = 4.710 FSTG(I) = .00

HS ...	1395.0	1396.0	1398.0	1400.0	1402.0	1404.0	1410.0
BS ...	.0	1000.0	2200.0	2200.0	2200.0	2200.0	2200.0
BSL ...	.0	.0	.0	3250.0	4400.0	5600.0	5600.0
BSR ...	.0	.0	.0	3250.0	4400.0	5600.0	5600.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

1

CROSS-SECTION NUMBER 5
****

XS(I) = 5.685 FSTG(I) = .00

HS ...	1370.0	1371.0	1372.0	1373.0	1374.0	1378.0	1385.0
BS ...	.0	400.0	900.0	2000.0	2000.0	2000.0	2000.0
BSL ...	.0	.0	.0	1800.0	3600.0	6900.0	6900.0
BSR ...	.0	.0	.0	1800.0	3600.0	6900.0	6900.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 6
****

XS(I) = 6.812 FSTG(I) = .00

HS ...	1342.0	1345.0	1346.0	1347.0	1348.0	1353.0	1360.0
BS ...	.0	2000.0	3400.0	3400.0	3400.0	3400.0	3400.0
BSL ...	.0	.0	.0	2250.0	5000.0	7750.0	7750.0
BSR ...	.0	.0	.0	2250.0	5000.0	7750.0	7750.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 7
****

XS(I) = 7.418 FSTG(I) = .00

HS ...	1327.0	1328.0	1330.0	1332.0	1335.0	1337.0	1340.0
BS ...	.0	3400.0	3400.0	3400.0	3400.0	3400.0	3400.0
BSL ...	.0	2100.0	3200.0	5150.0	6900.0	8575.0	8575.0
BSR ...	.0	2100.0	3200.0	5150.0	6900.0	8575.0	8575.0

```
BSS ...      .0     .0     .0     .0     .0     .0     .0
```

```
MANNING N ROUGHNESS COEFFICIENTS FOR THE GIVEN REACHES
      (CM(K,I),K=1,NCS) WHERE I = REACH NUMBER
*********************************************************

REACH  1 ...  .050   .050   .050   .050   .050   .050   .050

REACH  1 ...  .050   .050   .050   .050   .050   .050   .050

REACH  1 ...  .050   .050   .050   .050   .050   .050   .050

REACH  2 ...  .050   .050   .050   .050   .050   .050   .050

REACH  2 ...  .050   .050   .050   .050   .050   .050   .050

REACH  2 ...  .050   .050   .050   .050   .050   .050   .050

REACH  3 ...  .050   .050   .050   .050   .050   .050   .050

REACH  3 ...  .040   .040   .040   .040   .040   .040   .040

REACH  3 ...  .040   .040   .040   .040   .040   .040   .040

REACH  4 ...  .040   .040   .040   .040   .040   .040   .040

REACH  4 ...  .040   .040   .040   .040   .040   .040   .040

REACH  4 ...  .040   .040   .040   .040   .040   .040   .040

REACH  5 ...  .040   .040   .040   .040   .040   .040   .040

REACH  5 ...  .040   .040   .040   .040   .040   .040   .040

REACH  5 ...  .040   .040   .040   .040   .040   .040   .040

REACH  6 ...  .040   .040   .040   .040   .040   .040   .040

REACH  6 ...  .040   .040   .040   .040   .040   .040   .040

REACH  6 ...  .040   .040   .040   .040   .040   .040   .040
```

```
SNC ...     1.00   1.00   1.00   1.00   1.00   1.00   1.00
SNC ...     1.00   1.00   1.00   1.00   1.00   1.00   1.00
SNC ...     1.00   1.00   1.00   1.00   1.00   1.00   1.00
SNC ...     1.00   1.00   1.00   1.00   1.00   1.00   1.00
SNC ...     1.00   1.00   1.00   1.00   1.00   1.00   1.00
SNC ...     1.00   1.00   1.00   1.00   1.00   1.00   1.00
```

CROSS-SECTIONAL VARIABLES FOR POWERLINE RES.
BELOW POWERLINE FRS

PARAMETER	UNITS	VARIABLE
MINIMUM COMPUTATIONAL DISTANCE USED BETWEEN CROSS-SECTIONS	MILE	DXM(I)
CONTRACTION - EXPANSION COEFFICIENTS BETWEEN CROSS-SECTIONS		FKC(I)

REACH NUMBER	DXM(I)	FKC(I)
1	.086	.000
2	.208	.000
3	.167	.000
4	.097	.000
5	.113	.000
6	.150	.000

DOWNSTREAM FLOW PARAMETERS FOR POWERLINE RES.
BELOW POWERLINE FRS

PARAMETER	UNITS	VARIABLE	VALUE
MAX DISCHARGE AT DOWNSTREAM EXTREMITY	CFS	QMAXD	.0
MAX LATERAL OUTFLOW PRODUCING LOSSES	CFS /FEET	QLL	.000
INITIAL SIZE OF TIME STEP	HOUR	DTHM	.0500
INITIAL WATER SURFACE ELEVATION DOWNSTREAM	FEET	YDN	.00
SLOPE OF CHANNEL DOWNSTREAM OF DAM	FPM	SOM	42.00
THETA WEIGHTING FACTOR		THETA	.00
CONVERGENCE CRITERION FOR STAGE	FEET	EPSY	.080
TIME AT WHICH DAM STARTS TO FAIL	HOUR	TFI	.00

```
AT REACH=    2  DXM SHOULD BE CHANGED TO  .189  DUE TO EXP/CONTRACT CRITERIA

AT REACH=    3  DXM SHOULD BE CHANGED TO  .088  DUE TO EXP/CONTRACT CRITERIA

AT REACH=    5  DXM SHOULD BE CHANGED TO  .039  DUE TO EXP/CONTRACT CRITERIA

AT REACH=    6  DXM SHOULD BE CHANGED TO  .087  DUE TO EXP/CONTRACT CRITERIA
I=    1  XS=     .00     QS=    18263.     YE= 1568.09     DEP=  3.09     TP=  5.70     DXM=     .00
I=    2  XS=     .95     QS=    16306.     YE= 1521.82     DEP=  3.82     TP=  5.97     DXM=     .09
I=    3  XS=    3.03     QS=    11909.     YE= 1449.60     DEP=  5.60     TP=  6.57     DXM=     .21
I=    4  XS=    4.70     QS=     3111.     YE= 1396.60     DEP=  1.60     TP=  7.34     DXM=     .17
I=    5  XS=    5.67     QS=     3080.     YE= 1372.43     DEP=  2.43     TP=  7.84     DXM=     .10
I=    6  XS=    6.80     QS=     3049.     YE= 1343.92     DEP=  1.92     TP=  8.28     DXM=     .11
I=    7  XS=    7.41     QS=     2373.     YE= 1327.59     DEP=   .59     TP=  8.65     DXM=     .15

COMPUTATIONS WILL USE THE FOLLOWING DXM VALUES

.086    .208    .167    .097    .113    .150

TOTAL NUMBER OF CROSS SECTIONS (ORIGINAL+INTERPOLATED) (N) =    56     (MAXIMUM ALLOWABLE =   200

1

                    ********************************
                    ********************************
                    ***                          ***
                    ***  SUMMARY OF OUTPUT DATA  ***
                    ***                          ***
                    ********************************
                    ********************************

1
                          BOTTOM                          REACH
CROSS-SECTION             ELEVATION                       LENGTH      SLOPE
    NO.          MILE       FEET              REACH NO.   MILE        FPM                          MESAGE
     1           .01     1565.00
     2           .96     1518.00                  1         .95       49.47
     3          3.04     1444.00                  2        2.08       35.58
     4          4.71     1395.00                  3        1.67       29.34
```

5	5.68	1370.00	4	.97	25.64
6	6.81	1342.00	5	1.13	24.84
7	7.42	1327.00	6	.61	24.75

SLOPE INFORMATION FOR INPUT REACHES

REACH NO.	WATER ELEVATION FEET	HYDRAULIC DEPTH FEET	BOTTOM SLOPE FPM	DYNAMIC SLOPE FPM	TOTAL SLOPE FPM	CRITICAL SLOPE FPM	MANNING'S N
1	1541.50	.10	49.47	.03	49.51	414.79	.050
1	1542.05	.20	49.47	.04	49.52	329.17	.050
1	1543.00	.98	49.47	.07	49.55	194.13	.050
1	1544.25	2.23	49.47	.10	49.57	147.45	.050
1	1545.00	2.98	49.47	.11	49.58	133.84	.050
1	1555.00	12.98	49.47	.19	49.66	81.92	.050
1	1567.50	25.48	49.47	.25	49.72	65.42	.050
2	1481.00	.25	35.58	.05	35.63	305.57	.050
2	1482.00	.50	35.58	.07	35.64	242.53	.050
2	1484.50	1.66	35.58	.10	35.68	162.61	.050
2	1485.50	2.66	35.58	.12	35.70	198.95	.050
2	1488.00	5.30	35.58	.16	35.73	110.44	.050
2	1493.00	10.02	35.58	.20	35.77	89.28	.050
2	1500.00	16.75	35.58	.24	35.81	75.24	.050
3	1419.50	.25	29.34	.06	29.40	305.57	.050
3	1420.50	.50	29.34	.07	29.41	242.53	.050
3	1423.50	1.87	29.34	.12	29.46	156.31	.050
3	1425.00	3.51	29.34	.15	29.49	126.61	.050
3	1428.00	6.22	29.34	.18	29.52	104.67	.050
3	1430.00	8.22	29.34	.20	29.54	95.38	.050
3	1435.00	13.51	29.34	.24	29.58	80.82	.050
4	1382.50	.25	25.64	.05	25.69	195.57	.040
4	1383.50	.50	25.64	.06	25.70	155.22	.040
4	1385.00	1.47	25.64	.09	25.73	108.41	.040
4	1386.50	2.48	25.64	.11	25.75	91.06	.040
4	1388.00	4.00	25.64	.13	25.77	77.61	.040
4	1391.00	6.95	25.64	.16	25.80	64.55	.040
4	1397.50	13.43	25.64	.21	25.85	51.83	.040

5	1356.00	.67	24.84	.07	24.92	141.03	.040
5	1358.00	1.33	24.84	.09	24.94	111.93	.040
5	1359.00	1.52	24.84	.10	24.94	107.07	.040
5	1360.00	2.11	24.84	.11	24.95	96.04	.040
5	1361.00	3.11	24.84	.12	24.97	84.39	.040
5	1365.50	7.74	24.84	.17	25.02	62.28	.040
5	1372.50	14.74	24.84	.22	25.06	50.25	.040
6	1334.50	.44	24.75	.06	24.81	162.57	.040
6	1336.50	.87	24.75	.08	24.83	129.04	.040
6	1338.00	2.09	24.75	.11	24.86	96.39	.040
6	1339.50	3.59	24.75	.13	24.88	80.47	.040
6	1341.50	5.59	24.75	.15	24.91	69.43	.040
6	1345.00	9.09	24.75	.18	24.94	59.04	.040
6	1350.00	14.09	24.75	.22	24.97	51.01	.040

QKT(K)=	0.	7875.	27359.	55381.	90857.	133149.	181806.	236694.
QKT(K)=	297322.	363424.	434783.	511212.	592550.	678654.	769400.	864672.
QKT(K)=	964370.	1068400.	1176675.	1289118.	1405655.	1526218.	1650744.	1779174.
QKT(K)=	1911452.	2047526.	2187347.	2330868.	2478044.	2628834.	2783197.	2941765.
QKT(K)=	3103840.	3269385.	3438364.	3610742.	3786486.	3965563.	4147944.	4333598.
QKT(K)=	4522497.	4714612.	4909918.	5108387.	5309996.	5514720.	5722535.	5933418.
QKT(K)=	6147347.	6364301.	6584259.	6807200.	7033104.	7261952.	7493725.	7728405.
QKT(K)=	7965974.	8206415.	8449709.	8695841.	8944795.			
QKT(K)=	0.	7875.	27359.	55381.	90857.	133149.	181806.	236694.
QKT(K)=	297322.	363424.	434783.	511212.	592550.	678654.	769400.	864672.
QKT(K)=	964370.	1068400.	1176675.	1289118.	1405655.	1526218.	1650744.	1779174.
QKT(K)=	1911452.	2047526.	2187347.	2330868.	2478044.	2628834.	2783197.	2941765.
QKT(K)=	3103840.	3269385.	3438364.	3610742.	3786486.	3965563.	4147944.	4333598.
QKT(K)=	4522497.	4714612.	4909918.	5108387.	5309996.	5514720.	5722535.	5933418.
QKT(K)=	6147347.	6364301.	6584259.	6807200.	7033104.	7261952.	7493725.	7728405.
QKT(K)=	7965974.	8206415.	8449709.	8695841.	8944795.			

L= 15 ERQK= 2.00 NCV(I)= 15

HCV(K,I)=	1565.00	1566.00	1567.00	1568.00	1569.00	1570.00	1571.00	1572.50
HCV(K,I)=	1574.50	1576.50	1579.00	1582.00	1586.00	1591.00	1595.00	
QCV(K,I)=	0.	27359.	90857.	181806.	297322.	434783.	592550.	864672.
QCV(K,I)=	1289118.	1779174.	2478044.	3438364.	4909918.	7033104.	8944795.	

SNC(K,1)=	1.00	1.00	1.00	1.00	1.00	1.00	1.00

NUMBER OF INTERMEDIATE STATIONS NN(NS) 56

NUMBER OF TIME STEPS NNU 12

INITIAL CONDITIONS

I=	1	X=	.010	YN=	1565.52	DEPN=	.52	YC=	1565.31	DEPC=	.31	IFR=	0	ITN=	11	ITC=	11
I=	2	X=	.096	YN=	1561.29	DEPN=	.56	YC=	1561.09	DEPC=	.36	IFR=	0	ITN=	11	ITC=	11
I=	3	X=	.183	YN=	1557.07	DEPN=	.62	YC=	1556.88	DEPC=	.43	IFR=	0	ITN=	11	ITC=	11
I=	4	X=	.269	YN=	1552.87	DEPN=	.69	YC=	1552.65	DEPC=	.47	IFR=	0	ITN=	11	ITC=	11
I=	5	X=	.355	YN=	1548.64	DEPN=	.73	YC=	1548.43	DEPC=	.52	IFR=	0	ITN=	11	ITC=	11
I=	6	X=	.442	YN=	1544.44	DEPN=	.80	YC=	1544.21	DEPC=	.57	IFR=	0	ITN=	11	ITC=	11
I=	7	X=	.528	YN=	1540.23	DEPN=	.87	YC=	1540.00	DEPC=	.63	IFR=	0	ITN=	11	ITC=	11
I=	8	X=	.615	YN=	1536.02	DEPN=	.93	YC=	1535.78	DEPC=	.69	IFR=	0	ITN=	11	ITC=	11
I=	9	X=	.701	YN=	1531.82	DEPN=	1.00	YC=	1531.56	DEPC=	.74	IFR=	0	ITN=	11	ITC=	11
I=	10	X=	.787	YN=	1527.62	DEPN=	1.07	YC=	1527.34	DEPC=	.80	IFR=	0	ITN=	11	ITC=	11
I=	11	X=	.874	YN=	1523.42	DEPN=	1.15	YC=	1523.12	DEPC=	.85	IFR=	0	ITN=	11	ITC=	11
I=	12	X=	.960	YN=	1519.32	DEPN=	1.32	YC=	1518.92	DEPC=	.92	IFR=	0	ITN=	11	ITC=	11
I=	13	X=	1.168	YN=	1511.95	DEPN=	1.35	YC=	1511.55	DEPC=	.95	IFR=	0	ITN=	11	ITC=	11
I=	14	X=	1.376	YN=	1504.61	DEPN=	1.41	YC=	1504.18	DEPC=	.98	IFR=	0	ITN=	11	ITC=	11
I=	15	X=	1.584	YN=	1497.25	DEPN=	1.45	YC=	1496.82	DEPC=	1.02	IFR=	0	ITN=	10	ITC=	10
I=	16	X=	1.792	YN=	1489.92	DEPN=	1.52	YC=	1489.46	DEPC=	1.06	IFR=	0	ITN=	10	ITC=	10
I=	17	X=	2.000	YN=	1482.59	DEPN=	1.59	YC=	1482.12	DEPC=	1.12	IFR=	0	ITN=	10	ITC=	10
I=	18	X=	2.208	YN=	1475.28	DEPN=	1.68	YC=	1474.79	DEPC=	1.19	IFR=	0	ITN=	10	ITC=	10
I=	19	X=	2.416	YN=	1467.98	DEPN=	1.78	YC=	1467.48	DEPC=	1.28	IFR=	0	ITN=	10	ITC=	10
I=	20	X=	2.624	YN=	1460.69	DEPN=	1.89	YC=	1460.19	DEPC=	1.39	IFR=	0	ITN=	10	ITC=	10
I=	21	X=	2.832	YN=	1453.43	DEPN=	2.03	YC=	1452.92	DEPC=	1.52	IFR=	0	ITN=	10	ITC=	10
I=	22	X=	3.040	YN=	1446.26	DEPN=	2.26	YC=	1445.66	DEPC=	1.66	IFR=	0	ITN=	10	ITC=	10
I=	23	X=	3.207	YN=	1441.03	DEPN=	1.93	YC=	1440.46	DEPC=	1.36	IFR=	0	ITN=	10	ITC=	10
I=	24	X=	3.374	YN=	1435.89	DEPN=	1.69	YC=	1435.35	DEPC=	1.15	IFR=	0	ITN=	10	ITC=	10
I=	25	X=	3.541	YN=	1430.83	DEPN=	1.53	YC=	1430.33	DEPC=	1.03	IFR=	0	ITN=	10	ITC=	10
I=	26	X=	3.708	YN=	1425.79	DEPN=	1.39	YC=	1425.34	DEPC=	.94	IFR=	0	ITN=	10	ITC=	10
I=	27	X=	3.875	YN=	1420.81	DEPN=	1.31	YC=	1420.39	DEPC=	.89	IFR=	0	ITN=	10	ITC=	10
I=	28	X=	4.042	YN=	1415.83	DEPN=	1.23	YC=	1415.43	DEPC=	.83	IFR=	0	ITN=	10	ITC=	10
I=	29	X=	4.209	YN=	1410.87	DEPN=	1.17	YC=	1410.48	DEPC=	.78	IFR=	0	ITN=	10	ITC=	10
I=	30	X=	4.376	YN=	1405.92	DEPN=	1.12	YC=	1405.55	DEPC=	.75	IFR=	0	ITN=	10	ITC=	10
I=	31	X=	4.543	YN=	1400.98	DEPN=	1.08	YC=	1400.62	DEPC=	.72	IFR=	0	ITN=	10	ITC=	10
I=	32	X=	4.710	YN=	1396.08	DEPN=	1.08	YC=	1395.70	DEPC=	.70	IFR=	0	ITN=	10	ITC=	10
I=	33	X=	4.807	YN=	1393.52	DEPN=	1.02	YC=	1393.21	DEPC=	.71	IFR=	0	ITN=	10	ITC=	10
I=	34	X=	4.905	YN=	1391.03	DEPN=	1.03	YC=	1390.73	DEPC=	.73	IFR=	0	ITN=	10	ITC=	10
I=	35	X=	5.002	YN=	1388.56	DEPN=	1.06	YC=	1388.25	DEPC=	.75	IFR=	0	ITN=	10	ITC=	10
I=	36	X=	5.100	YN=	1386.09	DEPN=	1.09	YC=	1385.77	DEPC=	.77	IFR=	0	ITN=	10	ITC=	10
I=	37	X=	5.197	YN=	1383.64	DEPN=	1.14	YC=	1383.30	DEPC=	.80	IFR=	0	ITN=	10	ITC=	10
I=	38	X=	5.295	YN=	1381.16	DEPN=	1.16	YC=	1380.83	DEPC=	.83	IFR=	0	ITN=	10	ITC=	10
I=	39	X=	5.392	YN=	1378.71	DEPN=	1.21	YC=	1378.36	DEPC=	.86	IFR=	0	ITN=	10	ITC=	10
I=	40	X=	5.490	YN=	1376.27	DEPN=	1.27	YC=	1375.90	DEPC=	.90	IFR=	0	ITN=	10	ITC=	10
I=	41	X=	5.587	YN=	1373.83	DEPN=	1.33	YC=	1373.44	DEPC=	.94	IFR=	0	ITN=	10	ITC=	10
I=	42	X=	5.685	YN=	1371.41	DEPN=	1.41	YC=	1371.00	DEPC=	1.00	IFR=	0	ITN=	10	ITC=	10
I=	43	X=	5.798	YN=	1368.54	DEPN=	1.34	YC=	1368.13	DEPC=	.93	IFR=	0	ITN=	10	ITC=	10
I=	44	X=	5.910	YN=	1365.69	DEPN=	1.29	YC=	1365.31	DEPC=	.91	IFR=	0	ITN=	10	ITC=	10
I=	45	X=	6.023	YN=	1362.85	DEPN=	1.25	YC=	1362.48	DEPC=	.88	IFR=	0	ITN=	10	ITC=	10
I=	46	X=	6.136	YN=	1360.03	DEPN=	1.23	YC=	1359.66	DEPC=	.86	IFR=	0	ITN=	10	ITC=	10
I=	47	X=	6.248	YN=	1357.20	DEPN=	1.20	YC=	1356.85	DEPC=	.85	IFR=	0	ITN=	10	ITC=	10
I=	48	X=	6.361	YN=	1354.39	DEPN=	1.19	YC=	1354.05	DEPC=	.85	IFR=	0	ITN=	10	ITC=	10
I=	49	X=	6.474	YN=	1351.58	DEPN=	1.18	YC=	1351.23	DEPC=	.83	IFR=	0	ITN=	10	ITC=	10
I=	50	X=	6.587	YN=	1348.78	DEPN=	1.18	YC=	1348.42	DEPC=	.82	IFR=	0	ITN=	10	ITC=	10
I=	51	X=	6.699	YN=	1345.97	DEPN=	1.17	YC=	1345.62	DEPC=	.82	IFR=	0	ITN=	10	ITC=	10
I=	52	X=	6.812	YN=	1343.17	DEPN=	1.17	YC=	1342.82	DEPC=	.82	IFR=	0	ITN=	10	ITC=	10
I=	53	X=	6.963	YN=	1339.14	DEPN=	.89	YC=	1338.86	DEPC=	.61	IFR=	0	ITN=	10	ITC=	10
I=	54	X=	7.115	YN=	1335.22	DEPN=	.72	YC=	1334.99	DEPC=	.49	IFR=	0	ITN=	10	ITC=	10
I=	55	X=	7.266	YN=	1331.34	DEPN=	.59	YC=	1331.15	DEPC=	.40	IFR=	0	ITN=	10	ITC=	10
I=	56	X=	7.418	YN=	1327.46	DEPN=	.46	YC=	1327.31	DEPC=	.31	IFR=	0	ITN=	10	ITC=	10

```
(IFR(I),I=1,N)
0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0

IN=  56    YNN=  1327.46    DEP=      .46
     I=  55    X=   7.266    QIL=    800.    YIL=  1331.34    DEP=      .59    ITB=   5
     I=  54    X=   7.115    QIL=    800.    YIL=  1335.21    DEP=      .71    ITB=   4
     I=  53    X=   6.963    QIL=    800.    YIL=  1339.14    DEP=      .89    ITB=   4
     I=  52    X=   6.812    QIL=    800.    YIL=  1343.14    DEP=     1.14    ITB=   4
     I=  51    X=   6.699    QIL=    800.    YIL=  1345.98    DEP=     1.18    ITB=   4
     I=  50    X=   6.587    QIL=    800.    YIL=  1348.76    DEP=     1.16    ITB=   4
     I=  49    X=   6.474    QIL=    800.    YIL=  1351.59    DEP=     1.19    ITB=   4
     I=  48    X=   6.361    QIL=    800.    YIL=  1354.39    DEP=     1.19    ITB=   4
     I=  47    X=   6.248    QIL=    800.    YIL=  1357.21    DEP=     1.21    ITB=   4
     I=  46    X=   6.136    QIL=    800.    YIL=  1360.02    DEP=     1.22    ITB=   4
     I=  45    X=   6.023    QIL=    800.    YIL=  1362.85    DEP=     1.25    ITB=   4
     I=  44    X=   5.910    QIL=    800.    YIL=  1365.68    DEP=     1.28    ITB=   5
     I=  43    X=   5.798    QIL=    800.    YIL=  1368.53    DEP=     1.33    ITB=   5
     I=  42    X=   5.685    QIL=    800.    YIL=  1371.40    DEP=     1.40    ITB=   6
     I=  41    X=   5.587    QIL=    800.    YIL=  1373.85    DEP=     1.35    ITB=   5
     I=  40    X=   5.490    QIL=    800.    YIL=  1376.27    DEP=     1.27    ITB=   5
     I=  39    X=   5.392    QIL=    800.    YIL=  1378.72    DEP=     1.22    ITB=   5
     I=  38    X=   5.295    QIL=    800.    YIL=  1381.17    DEP=     1.17    ITB=   4
     I=  37    X=   5.197    QIL=    800.    YIL=  1383.64    DEP=     1.14    ITB=   5
     I=  36    X=   5.100    QIL=    800.    YIL=  1386.10    DEP=     1.10    ITB=   5
     I=  35    X=   5.002    QIL=    800.    YIL=  1388.57    DEP=     1.07    ITB=   5
     I=  34    X=   4.905    QIL=    800.    YIL=  1391.04    DEP=     1.04    ITB=   5
     I=  33    X=   4.807    QIL=    800.    YIL=  1393.52    DEP=     1.02    ITB=   4
     I=  32    X=   4.710    QIL=    800.    YIL=  1396.00    DEP=     1.00    ITB=   4
     I=  31    X=   4.543    QIL=    800.    YIL=  1401.03    DEP=     1.13    ITB=   4
     I=  30    X=   4.376    QIL=    800.    YIL=  1405.88    DEP=     1.08    ITB=   4
     I=  29    X=   4.209    QIL=    800.    YIL=  1410.91    DEP=     1.21    ITB=   4
     I=  28    X=   4.042    QIL=    800.    YIL=  1415.79    DEP=     1.19    ITB=   4
     I=  27    X=   3.875    QIL=    800.    YIL=  1420.84    DEP=     1.34    ITB=   4
     I=  26    X=   3.708    QIL=    800.    YIL=  1425.76    DEP=     1.36    ITB=   4
     I=  25    X=   3.541    QIL=    800.    YIL=  1430.85    DEP=     1.55    ITB=   4
     I=  24    X=   3.374    QIL=    800.    YIL=  1435.85    DEP=     1.65    ITB=   4
     I=  23    X=   3.207    QIL=    800.    YIL=  1441.04    DEP=     1.94    ITB=   3
     I=  22    X=   3.040    QIL=    800.    YIL=  1446.21    DEP=     2.21    ITB=   4
     I=  21    X=   2.832    QIL=    800.    YIL=  1453.43    DEP=     2.03    ITB=   3
     I=  20    X=   2.624    QIL=    800.    YIL=  1460.71    DEP=     1.91    ITB=   4
     I=  19    X=   2.416    QIL=    800.    YIL=  1467.98    DEP=     1.78    ITB=   4
     I=  18    X=   2.208    QIL=    800.    YIL=  1475.29    DEP=     1.69    ITB=   4
     I=  17    X=   2.000    QIL=    800.    YIL=  1482.59    DEP=     1.59    ITB=   4
     I=  16    X=   1.792    QIL=    800.    YIL=  1489.93    DEP=     1.53    ITB=   4
     I=  15    X=   1.584    QIL=    800.    YIL=  1497.26    DEP=     1.46    ITB=   4
     I=  14    X=   1.376    QIL=    800.    YIL=  1504.61    DEP=     1.41    ITB=   4
     I=  13    X=   1.168    QIL=    800.    YIL=  1511.96    DEP=     1.36    ITB=   4
     I=  12    X=    .960    QIL=    800.    YIL=  1519.32    DEP=     1.32    ITB=   4
     I=  11    X=    .874    QIL=    800.    YIL=  1523.37    DEP=     1.09    ITB=   3
     I=  10    X=    .787    QIL=    800.    YIL=  1527.67    DEP=     1.13    ITB=   4
     I=   9    X=    .701    QIL=    800.    YIL=  1531.78    DEP=      .97    ITB=   3
     I=   8    X=    .615    QIL=    800.    YIL=  1536.06    DEP=      .97    ITB=   4
     I=   7    X=    .528    QIL=    800.    YIL=  1540.21    DEP=      .84    ITB=   5
     I=   6    X=    .442    QIL=    800.    YIL=  1544.46    DEP=      .82    ITB=   4
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I=	5	X=	.355	QIL=	800.	YIL=	1548.64	DEP=	.73	ITB=	5
I=	4	X=	.269	QIL=	800.	YIL=	1552.88	DEP=	.70	ITB=	4
I=	3	X=	.183	QIL=	800.	YIL=	1557.07	DEP=	.61	ITB=	5
I=	2	X=	.096	QIL=	800.	YIL=	1561.31	DEP=	.58	ITB=	4
I=	1	X=	.010	QIL=	800.	YIL=	1565.51	DEP=	.51	ITB=	4

INITIAL CONDITIONS

(QDI(I),I=1,N)

800.	800.	800.	800.	800.	800.	800.	800.
800.	800.	800.	800.	800.	800.	800.	800.
800.	800.	800.	800.	800.	800.	800.	800.
800.	800.	800.	800.	800.	800.	800.	800.
800.	800.	800.	800.	800.	800.	800.	800.
800.	800.	800.	800.	800.	800.	800.	800.
800.	800.	800.	800.	800.	800.	800.	800.

(YI(I),I=1,N)

1565.51	1561.31	1557.07	1552.88	1548.64	1544.46	1540.21	1536.06
1531.78	1527.67	1523.37	1519.32	1511.96	1504.61	1497.26	1489.93
1482.59	1475.29	1467.98	1460.71	1453.43	1446.21	1441.04	1435.85
1430.85	1425.76	1420.84	1415.79	1410.91	1405.88	1401.03	1396.00
1393.52	1391.04	1388.57	1386.10	1383.64	1381.17	1378.72	1376.27
1373.85	1371.40	1368.53	1365.68	1362.85	1360.02	1357.21	1354.39
1351.59	1348.76	1345.98	1343.14	1339.14	1335.21	1331.34	1327.46

```
1
0  PROFILE OF INVERT ELEVATION (HS) AND INITIAL WATER SURFACE ELEVATION (YI) ALONG WATERWAY (X)
                 X(MILES)     HST(FEET) -- "*"     YI(FEET) -- "+"
0                                                                                          X      HS      YI   DEPTH
   .     .     .     .     .     .     .     .     .     .     *+    .01 1565.00 1565.51    .51
   .     .     .     .     .     .     .     .     .     .     .
   .     .     .     .     .     .     .     .     +     .     .    .96 1518.00 1519.32   1.32
   .     .     .     .     .     .     .     .     .     .     .
D  .     .     .     .     .     .     .     .     .     .     .
I  .     .     .     .     .     .     .     .     .     .     .
S  .     .     .     .     .     +.    .     .     .     .     .   3.04 1444.00 1446.21   2.21
T  .     .     .     .     .     .     .     .     .     .     .
A  .     .     .     .     .     .     .     .     .     .     .
N  .     .     .     *+.   .     .     .     .     .     .     .   4.71 1395.00 1396.00   1.00
C  .     .     .     .     .     .     .     .     .     .     .
E  .     .     +.    .     .     .     .     .     .     .     .   5.68 1370.00 1371.40   1.40
   .     .     .     .     .     .     .     .     .     .     .
   .     .     .     .     .     .     .     .     .     .     .
   .     *+    .     .     .     .     .     .     .     .     .   6.81 1342.00 1343.14   1.14
   +     .     .     .     .     .     .     .     .     .     .   7.42 1327.00 1327.46    .46
  1327.0  1350.9  1374.7  1398.6  1422.4  1446.3  1470.1  1494.0  1517.8  1541.7  1565.5
```

0 ELEVATION
1

TIME PARAMETERS OF OUTFLOW HYDROGRAPH IMMEDIATELY DOWNSTREAM OF DAM

PARAMETER	UNITS	VARIABLE	VALUE
TIME TO FAILURE	HR	TFH	5.700
TIME TO START OF RISING LIMB OF HYDROGRAPH	HR	TFO	.000
TIME TO PEAK	HR	TP	5.700
TIME STEP SIZE	HR	DTHI	.050

TT = .0000 DTH = .0500 ITERR = 0
QU(1) = 800.00 YU(1) = 1565.51 QU(N) = 800.00 YU(N) = 1327.46

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1565.51	1.75	0.	458.	0.	.80	.00	.47	.00	.00	.5	.51
12	.960	1519.32	1.84	0.	436.	0.	.80	.00	.62	.00	.00	.4	1.32
22	3.040	1446.21	2.14	0.	373.	0.	.80	.00	.70	.00	.00	.4	2.21
32	4.710	1396.00	1.62	0.	495.	0.	.80	.00	.79	.00	.00	.4	1.00
42	5.685	1371.40	1.99	0.	403.	0.	.80	.00	.61	.00	.00	.4	1.40
52	6.812	1343.14	1.84	0.	435.	0.	.80	.00	.65	.00	.00	.4	1.14
56	7.418	1327.46	.98	225.	365.	225.	.80	.06	.10	.06	.00	.4	.46

FRDM= .53 IIFR= 11 FRM= .32 IIFM= 31

TT = .0000 DTH = .0500 ITERR = 6
QU(1) = 800.00 YU(1) = 1565.51 QU(N) = 3134.76 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1565.51	1.75	0.	458.	0.	.80	.00	.47	.00	.00	.5	.51
12	.960	1519.32	2.45	0.	436.	0.	1.07	.00	.83	.00	.00	.5	1.32
22	3.040	1446.29	2.32	0.	406.	0.	.94	.00	.82	.00	.08	.4	2.29
32	4.710	1396.08	1.87	0.	585.	0.	1.10	.00	.96	.00	.09	.4	1.08
42	5.685	1371.59	2.11	0.	522.	0.	1.10	.00	.89	.00	.18	.4	1.59
52	6.812	1343.66	1.30	0.	921.	0.	1.20	.00	1.02	.00	.52	.3	1.66
56	7.418	1327.53	2.89	300.	486.	300.	3.13	.31	.49	.31	.07	1.0	.53

FRDM= .98 IIFR= 56 FRM= .23 IIFM= 54

TT = .0000 DTH = .0500 ITERR = 3
QU(1) = 800.00 YU(1) = 1565.51 QU(N) = 2576.79 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1565.51	1.75	0.	458.	0.	.80	.00	.47	.00	.00	.5	.51
12	.960	1519.32	2.15	0.	436.	0.	.94	.00	.72	.00	.00	.5	1.32
22	3.040	1446.29	2.28	0.	406.	0.	.93	.00	.80	.00	-.04	.4	2.29
32	4.710	1396.08	2.03	0.	585.	0.	1.19	.00	1.05	.00	-.04	.5	1.08
42	5.685	1371.59	2.45	0.	522.	0.	1.28	.00	1.03	.00	-.09	.5	1.59
52	6.812	1343.66	2.17	0.	921.	0.	2.00	.00	1.71	.00	-.26	.4	1.66
56	7.418	1327.53	2.37	300.	486.	300.	2.58	.25	.41	.25	-.04	.8	.53

FRDM= .99 IIFR= 55 FRM= .39 IIFM= 23

TT = .0500 DTH = .0500 ITERR = 1
QU(1) = 1070.85 YU(1) = 1565.51 QU(N) = 3106.16 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1565.51	2.34	0.	458.	0.	1.07	.00	.62	.00	.00	.6	.51
12	.960	1519.32	2.38	0.	436.	0.	1.04	.00	.80	.00	.00	.5	1.32
22	3.040	1446.29	2.38	0.	406.	0.	.97	.00	.84	.00	.00	.4	2.29
32	4.710	1396.09	1.97	0.	587.	0.	1.16	.00	1.02	.00	.00	.5	1.09
42	5.685	1371.59	2.62	0.	522.	0.	1.37	.00	1.11	.00	.00	.5	1.59
52	6.812	1343.66	2.60	0.	921.	0.	2.39	.00	2.04	.00	.00	.5	1.66
56	7.418	1327.53	2.86	300.	486.	300.	3.11	.30	.49	.30	.00	1.0	.53

FRDM= .97 IIFR= 56 FRM= .39 IIFM= 54

TT = .1000 DTH = .0500 ITERR = 1
QU(1) = 1341.71 YU(1) = 1565.51 QU(N) = 2766.13 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1565.51	2.93	0.	458.	0.	1.34	.00	.78	.00	.00	.8	.51
12	.960	1519.32	2.33	0.	439.	0.	1.02	.00	.79	.00	.00	.5	1.32
22	3.040	1446.29	2.32	0.	406.	0.	.94	.00	.82	.00	.00	.4	2.29
32	4.710	1396.09	2.00	0.	587.	0.	1.18	.00	1.03	.00	.00	.5	1.09
42	5.685	1371.59	2.56	0.	522.	0.	1.34	.00	1.08	.00	.00	.5	1.59
52	6.812	1343.66	2.56	0.	921.	0.	2.36	.00	2.01	.00	.00	.5	1.66
56	7.418	1327.53	2.55	300.	486.	300.	2.77	.27	.44	.27	.00	.9	.53

FRDM= .90 IIFR= 55 FRM= .40 IIFM= 23

TT = .1500 DTH = .0500 ITERR = 1
QU(1) = 1612.56 YU(1) = 1565.59 QU(N) = 2943.05 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1565.59	2.96	0.	544.	0.	1.61	.00	1.07	.00	.09	.7	.59
12	.960	1519.36	2.40	0.	461.	0.	1.11	.00	.86	.00	.04	.5	1.36
22	3.040	1446.29	2.40	0.	407.	0.	.98	.00	.85	.00	.00	.4	2.29
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.69	0.	921.	0.	2.47	.00	2.11	.00	.00	.5	1.66
56	7.418	1327.53	2.71	300.	486.	300.	2.94	.29	.46	.29	.00	.9	.53

FRDM= .92 IIFR= 56 FRM= .41 IIFM= 20

TT = .2000 DTH = .0500 ITERR = 1
QU(1) = 1883.41 YU(1) = 1565.70 QU(N) = 2782.77 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1565.70	2.88	0.	654.	0.	1.88	.00	1.44	.00	.20	.6	.70
12	.960	1519.37	2.39	0.	468.	0.	1.12	.00	.87	.00	.05	.5	1.37
22	3.040	1446.29	2.36	0.	407.	0.	.96	.00	.83	.00	.00	.4	2.29
32	4.710	1396.08	1.99	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.60	0.	921.	0.	2.39	.00	2.04	.00	.00	.5	1.66
56	7.418	1327.53	2.56	300.	486.	300.	2.78	.27	.44	.27	.00	.9	.53

FRDM= .87 IIFR= 56 FRM= .41 IIFM= 23

TT = .2500 DTH = .0500 ITERR = 1
QU(1) = 2154.26 YU(1) = 1565.80 QU(N) = 2998.88 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1565.80	2.86	0.	754.	0.	2.15	.00	1.82	.00	.30	.6	.80
12	.960	1519.39	2.42	0.	482.	0.	1.17	.00	.91	.00	.07	.5	1.39
22	3.040	1446.29	2.39	0.	410.	0.	.98	.00	.85	.00	.01	.4	2.29
32	4.710	1396.08	2.00	0.	587.	0.	1.18	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.66	0.	921.	0.	2.45	.00	2.09	.00	.00	.5	1.66
56	7.418	1327.53	2.76	300.	486.	300.	3.00	.29	.47	.29	.00	.9	.53

FRDM= .94 IIFR= 56 FRM= .41 IIFM= 20

TT = .3000 DTH = .0500 ITERR = 1
QU(1) = 2425.12 YU(1) = 1565.91 QU(N) = 2881.80 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1565.91	2.82	0.	859.	0.	2.43	.00	2.26	.00	.40	.5	.91
12	.960	1519.42	2.44	0.	503.	0.	1.23	.00	.96	.00	.10	.5	1.42
22	3.040	1446.30	2.38	0.	411.	0.	.98	.00	.85	.00	.01	.4	2.30
32	4.710	1396.08	2.00	0.	585.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.61	0.	921.	0.	2.40	.00	2.05	.00	.00	.5	1.66
56	7.418	1327.53	2.65	300.	486.	300.	2.88	.28	.45	.28	.00	.9	.53

FRDM= .90 IIFR= 56 FRM= .41 IIFM= 23

TT = .3500 DTH = .0500 ITERR = 1
QU(1) = 2695.97 YU(1) = 1566.00 QU(N) = 3031.78 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1566.00	2.84	0.	951.	0.	2.70	.00	2.69	.00	.49	.5	1.00
12	.960	1519.45	2.46	0.	525.	0.	1.29	.00	1.02	.00	.13	.5	1.45
22	3.040	1446.30	2.40	0.	414.	0.	.99	.00	.86	.00	.02	.4	2.30
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59

52	6.812	1343.66	2.65	0.	921.	0.	2.45	.00	2.09	.00	.00	.5	1.66
56	7.418	1327.53	2.79	300.	486.	300.	3.03	.30	.48	.30	.00	1.0	.53

FRDM= .95 IIFR= 56 FRM= .41 IIFM= 20

TT = .4000 DTH = .0500 ITERR = 1
QU(1) = 2966.82 YU(1) = 1566.05 QU(N) = 2931.69 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.05	2.97	0.	999.	0.	2.97	.00	2.90	.00	.54	.5	1.05
12	.960	1519.47	2.46	0.	538.	0.	1.32	.00	1.05	.00	.15	.5	1.47
22	3.040	1446.31	2.40	0.	416.	0.	1.00	.00	.87	.00	.02	.4	2.31
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.62	0.	921.	0.	2.41	.00	2.06	.00	.00	.5	1.66
56	7.418	1327.53	2.70	300.	486.	300.	2.93	.29	.46	.29	.00	.9	.53

FRDM= .92 IIFR= 56 FRM= .42 IIFM= 23

TT = .4500 DTH = .0500 ITERR = 1
QU(1) = 3237.68 YU(1) = 1566.09 QU(N) = 3036.47 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.09	3.12	0.	1039.	0.	3.24	.00	3.12	.00	.58	.5	1.09
12	.960	1519.48	2.47	0.	550.	0.	1.36	.00	1.09	.00	.16	.5	1.48
22	3.040	1446.31	2.41	0.	419.	0.	1.01	.00	.87	.00	.03	.4	2.31
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.65	0.	921.	0.	2.44	.00	2.09	.00	.00	.5	1.66
56	7.418	1327.53	2.80	300.	486.	300.	3.04	.30	.48	.30	.00	1.0	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 20

TT = .5000 DTH = .0500 ITERR = 1
QU(1) = 3508.53 YU(1) = 1566.14 QU(N) = 2960.81 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.14	3.23	0.	1088.	0.	3.51	.00	3.33	.00	.63	.5	1.14
12	.960	1519.53	2.50	0.	583.	0.	1.46	.00	1.18	.00	.21	.5	1.53
22	3.040	1446.32	2.41	0.	421.	0.	1.02	.00	.88	.00	.03	.4	2.32
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.62	0.	921.	0.	2.42	.00	2.06	.00	.00	.5	1.66
56	7.418	1327.53	2.73	300.	486.	300.	2.96	.29	.47	.29	.00	.9	.53

FRDM= .93 IIFR= 56 FRM= .42 IIFM= 23

TT = .5500 DTH = .0500 ITERR = 1
QU(1) = 3779.38 YU(1) = 1566.18 QU(N) = 3035.26 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.18	3.34	0.	1131.	0.	3.78	.00	3.56	.00	.67	.6	1.18

12	.960	1519.63	2.54	0.	662.	0.	1.68	.00	1.41	.00	.31	.5	1.63
22	3.040	1446.32	2.42	0.	423.	0.	1.02	.00	.89	.00	.04	.4	2.32
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.65	0.	921.	0.	2.44	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.79	300.	486.	300.	3.04	.30	.48	.30	.00	1.0	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 20

TT = .6000 DTH = .0500 ITERR = 1
QU(1) = 4050.24 YU(1) = 1566.23 QU(N) = 2979.88 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.23	3.44	0.	1177.	0.	4.05	.00	3.79	.00	.72	.6	1.23
12	.960	1519.78	2.55	0.	795.	0.	2.02	.00	1.82	.00	.46	.5	1.78
22	3.040	1446.33	2.43	0.	425.	0.	1.03	.00	.89	.00	.04	.4	2.33
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.63	0.	921.	0.	2.42	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.74	300.	486.	300.	2.98	.29	.47	.29	.00	.9	.53

FRDM= .93 IIFR= 56 FRM= .42 IIFM= 20

TT = .6500 DTH = .0500 ITERR = 1
QU(1) = 4321.09 YU(1) = 1566.27 QU(N) = 3032.51 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.27	3.54	0.	1221.	0.	4.32	.00	4.03	.00	.76	.6	1.27
12	.960	1519.96	2.51	0.	965.	0.	2.42	.00	2.37	.00	.64	.4	1.96
22	3.040	1446.33	2.43	0.	426.	0.	1.04	.00	.90	.00	.04	.4	2.33
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.65	0.	921.	0.	2.44	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.79	300.	486.	300.	3.03	.30	.48	.30	.00	1.0	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 20

TT = .7000 DTH = .0500 ITERR = 1
QU(1) = 4591.94 YU(1) = 1566.32 QU(N) = 2991.99 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.32	3.63	0.	1265.	0.	4.59	.00	4.28	.00	.81	.6	1.32
12	.960	1520.09	2.69	1.	1087.	1.	2.93	.00	2.80	.00	.77	.5	2.09
22	3.040	1446.33	2.44	0.	427.	0.	1.04	.00	.90	.00	.04	.4	2.33
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.63	0.	921.	0.	2.42	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.75	300.	486.	300.	2.99	.29	.47	.29	.00	.9	.53

FRDM= .94 IIFR= 56 FRM= .42 IIFM= 20

TT = .7500 DTH = .0500 ITERR = 1
QU(1) = 4862.79 YU(1) = 1566.36 QU(N) = 3028.85 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.36	3.71	1.	1310.	1.	4.86	.00	4.53	.00	.85	.6	1.36
12	.960	1520.14	2.81	3.	1143.	3.	3.23	.00	3.02	.00	.82	.5	2.14
22	3.040	1446.33	2.44	0.	428.	0.	1.04	.00	.90	.00	.05	.4	2.33
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.65	0.	921.	0.	2.44	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.79	300.	486.	300.	3.03	.29	.48	.29	.00	1.0	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = .8000 DTH = .0500 ITERR = 1
QU(1) = 5133.65 YU(1) = 1566.40 QU(N) = 2999.31 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.40	3.79	1.	1354.	1.	5.13	.00	4.78	.00	.90	.6	1.40
12	.960	1520.18	2.91	4.	1181.	4.	3.46	.00	3.21	.00	.86	.5	2.18
22	3.040	1446.33	2.44	0.	429.	0.	1.05	.00	.90	.00	.05	.4	2.33
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.63	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.76	300.	486.	300.	3.00	.29	.47	.29	.00	.9	.53

FRDM= .94 IIFR= 56 FRM= .42 IIFM= 20

TT = .8500 DTH = .0500 ITERR = 1
QU(1) = 5404.50 YU(1) = 1566.45 QU(N) = 3025.79 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.45	3.86	1.	1398.	1.	5.40	.00	5.04	.00	.94	.6	1.45
12	.960	1520.24	3.03	7.	1240.	7.	3.80	.00	3.49	.00	.92	.5	2.24
22	3.040	1446.34	2.44	0.	429.	0.	1.05	.00	.91	.00	.05	.4	2.34
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.44	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.79	300.	486.	300.	3.03	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = .9000 DTH = .0500 ITERR = 1
QU(1) = 5675.35 YU(1) = 1566.49 QU(N) = 3004.80 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.49	3.93	1.	1442.	1.	5.68	.00	5.31	.00	.98	.6	1.49
12	.960	1520.31	3.14	12.	1308.	12.	4.18	.01	3.80	.01	.99	.5	2.31
22	3.040	1446.34	2.44	0.	429.	0.	1.05	.00	.91	.00	.05	.4	2.34
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.77	300.	486.	300.	3.00	.29	.47	.29	.00	.9	.53

FRDM= .94 IIFR= 56 FRM= .42 IIFM= 30

TT = .9500 DTH = .0500 ITERR = 1
QU(1) = 5946.21 YU(1) = 1566.54 QU(N) = 3023.23 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1566.54	3.99	1.	1486.	1.	5.95	.00	5.59	.00	1.03	.6	1.54
12	.960	1520.36	3.21	16.	1357.	16.	4.46	.01	4.05	.01	1.04	.5	2.36
22	3.040	1446.34	2.44	0.	429.	0.	1.05	.00	.91	.00	.05	.4	2.34
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 20

TT = 1.0000 DTH = .0500 ITERR = 1
QU(1) = 6217.06 YU(1) = 1566.58 QU(N) = 3008.65 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1566.58	4.06	1.	1530.	1.	6.22	.00	5.86	.00	1.07	.6	1.58
12	.960	1520.41	3.27	21.	1407.	21.	4.73	.02	4.29	.02	1.09	.5	2.41
22	3.040	1446.34	2.45	0.	430.	0.	1.05	.00	.91	.00	.05	.5	2.34
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.77	300.	486.	300.	3.01	.29	.47	.29	.00	.9	.53

FRDM= .94 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.0500 DTH = .0500 ITERR = 1
QU(1) = 6487.91 YU(1) = 1566.63 QU(N) = 3021.10 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1566.63	4.11	2.	1575.	2.	6.49	.00	6.15	.00	1.12	.6	1.63
12	.960	1520.47	3.35	27.	1465.	27.	5.08	.02	4.61	.02	1.15	.5	2.47
22	3.040	1446.33	2.43	0.	424.	0.	1.03	.00	.89	.00	.04	.4	2.33
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.1000 DTH = .0500 ITERR = 1
QU(1) = 6758.77 YU(1) = 1566.67 QU(N) = 3010.59 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1566.67	4.17	2.	1619.	2.	6.76	.00	6.44	.00	1.16	.6	1.67
12	.960	1520.52	3.39	34.	1522.	34.	5.39	.03	4.90	.03	1.20	.5	2.52
22	3.040	1446.34	2.45	0.	430.	0.	1.06	.00	.91	.00	.05	.5	2.34
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59

52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.77	300.	486.	300.	3.01	.29	.47	.29	.00	.9	.53

FRDM= .94 IIFR= 56 FRM= .41 IIFM= 20

TT = 1.1500 DTH = .0500 ITERR = 1
QU(1) = 7029.62 YU(1) = 1566.71 QU(N) = 3019.52 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.71	4.22	2.	1663.	2.	7.03	.00	6.73	.00	1.21	.6	1.71
12	.960	1520.57	3.43	40.	1569.	40.	5.66	.04	5.16	.04	1.25	.5	2.57
22	3.040	1446.39	2.51	0.	455.	0.	1.14	.00	.99	.00	.10	.5	2.39
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.2000 DTH = .0500 ITERR = 1
QU(1) = 7300.47 YU(1) = 1566.76 QU(N) = 3012.20 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.76	4.26	2.	1707.	2.	7.30	.00	7.03	.00	1.25	.6	1.76
12	.960	1520.62	3.47	48.	1621.	48.	5.96	.05	5.44	.05	1.30	.5	2.62
22	3.040	1446.37	2.46	0.	443.	0.	1.09	.00	.94	.00	.08	.4	2.37
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.77	300.	486.	300.	3.01	.29	.47	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.2500 DTH = .0500 ITERR = 1
QU(1) = 7571.32 YU(1) = 1566.80 QU(N) = 3018.29 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.80	4.31	3.	1752.	3.	7.57	.00	7.34	.00	1.29	.6	1.80
12	.960	1520.68	3.51	57.	1675.	57.	6.27	.07	5.76	.07	1.36	.5	2.68
22	3.040	1446.34	2.45	0.	430.	0.	1.05	.00	.91	.00	.05	.5	2.34
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.3000 DTH = .0500 ITERR = 1
QU(1) = 7842.18 YU(1) = 1566.85 QU(N) = 3013.27 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.85	4.35	3.	1796.	3.	7.84	.00	7.65	.00	1.34	.6	1.85

12	.960	1520.73	3.53	66.	1728.	66.	6.57	.08	6.06	.08	1.41	.5	2.73
22	3.040	1446.44	2.58	0.	477.	0.	1.23	.00	1.07	.00	.15	.5	2.44
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.77	300.	486.	300.	3.01	.29	.47	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 24

TT = 1.3500 DTH = .0500 ITERR = 1
QU(1) = 8113.03 YU(1) = 1566.89 QU(N) = 3017.26 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.89	4.39	3.	1840.	3.	8.11	.01	7.96	.01	1.38	.6	1.89
12	.960	1520.78	3.55	75.	1777.	75.	6.84	.10	6.34	.10	1.46	.5	2.78
22	3.040	1446.60	2.67	0.	561.	0.	1.50	.00	1.34	.00	.31	.5	2.60
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 24

TT = 1.4000 DTH = .0500 ITERR = 1
QU(1) = 8383.88 YU(1) = 1566.94 QU(N) = 3014.02 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.94	4.43	4.	1885.	4.	8.38	.01	8.29	.01	1.43	.6	1.94
12	.960	1520.83	3.57	86.	1828.	86.	7.13	.12	6.65	.12	1.51	.5	2.83
22	3.040	1446.77	2.72	0.	660.	0.	1.80	.00	1.68	.00	.49	.5	2.77
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.77	300.	486.	300.	3.01	.29	.47	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 24

TT = 1.4500 DTH = .0500 ITERR = 1
QU(1) = 8654.73 YU(1) = 1566.98 QU(N) = 3016.78 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1566.98	4.47	4.	1928.	4.	8.65	.01	8.61	.01	1.47	.6	1.98
12	.960	1520.88	3.58	97.	1880.	97.	7.43	.14	6.97	.14	1.56	.5	2.88
22	3.040	1446.95	2.74	0.	765.	0.	2.10	.00	2.06	.00	.66	.4	2.95
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .41 IIFM= 24

TT = 1.5000 DTH = .0500 ITERR = 1
QU(1) = 8925.59 YU(1) = 1567.02 QU(N) = 3014.92 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.02	4.52	4.	1966.	4.	8.93	.01	8.89	.01	1.51	.6	2.02
12	.960	1520.93	3.59	109.	1932.	109.	7.71	.16	7.28	.16	1.61	.5	2.93
22	3.040	1447.14	2.89	0.	896.	0.	2.59	.00	2.54	.00	.86	.4	3.14
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.01	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.5500 DTH = .0500 ITERR = 1
QU(1) = 9196.44 YU(1) = 1567.05 QU(N) = 3016.79 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.05	4.58	5.	1997.	5.	9.20	.01	9.12	.01	1.54	.6	2.05
12	.960	1520.98	3.60	121.	1982.	121.	8.00	.18	7.60	.18	1.66	.5	2.98
22	3.040	1447.34	3.00	0.	1039.	0.	3.11	.00	3.06	.00	1.06	.4	3.34
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.6000 DTH = .0500 ITERR = 1
QU(1) = 9467.29 YU(1) = 1567.08 QU(N) = 3015.48 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.08	4.65	5.	2028.	5.	9.47	.01	9.36	.01	1.57	.6	2.08
12	.960	1521.03	3.63	132.	2026.	132.	8.31	.20	7.87	.20	1.71	.5	3.03
22	3.040	1447.51	3.03	0.	1171.	0.	3.55	.00	3.55	.00	1.23	.4	3.51
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.07	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.6500 DTH = .0500 ITERR = 1
QU(1) = 9738.14 YU(1) = 1567.11 QU(N) = 3016.56 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.11	4.71	5.	2059.	5.	9.74	.01	9.60	.01	1.60	.6	2.11
12	.960	1521.06	3.67	142.	2062.	142.	8.60	.20	8.10	.20	1.74	.5	3.06
22	3.040	1447.66	3.14	0.	1286.	0.	4.03	.00	3.98	.00	1.37	.4	3.66
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.7000 DTH = .0500 ITERR = 1
QU(1) = 10009.00 YU(1) = 1567.14 QU(N) = 3015.56 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.14	4.76	5.	2091.	5.	10.01	.01	9.84	.01	1.63	.6	2.14
12	.960	1521.09	3.70	153.	2094.	153.	8.87	.22	8.31	.22	1.77	.5	3.09
22	3.040	1447.78	3.24	0.	1387.	0.	4.49	.00	4.43	.00	1.49	.4	3.78
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.7500 DTH = .0500 ITERR = 1
QU(1) = 10279.85 YU(1) = 1567.17 QU(N) = 3016.54 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.17	4.82	6.	2122.	6.	10.28	.01	10.08	.01	1.66	.6	2.17
12	.960	1521.12	3.73	164.	2124.	164.	9.14	.23	8.52	.23	1.80	.6	3.12
22	3.040	1447.88	3.31	0.	1482.	0.	4.90	.00	4.85	.00	1.60	.5	3.88
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.34	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.8000 DTH = .0500 ITERR = 1
QU(1) = 10550.70 YU(1) = 1567.20 QU(N) = 3015.55 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.20	4.87	6.	2153.	6.	10.55	.01	10.32	.01	1.69	.6	2.20
12	.960	1521.16	3.75	176.	2155.	176.	9.40	.24	8.73	.24	1.84	.6	3.16
22	3.040	1447.99	3.35	0.	1577.	0.	5.28	.00	5.27	.00	1.70	.5	3.99
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.8500 DTH = .0500 ITERR = 1
QU(1) = 10821.56 YU(1) = 1567.23 QU(N) = 3016.56 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.23	4.93	6.	2184.	6.	10.82	.01	10.57	.01	1.73	.6	2.23
12	.960	1521.19	3.77	189.	2187.	189.	9.66	.26	8.94	.26	1.87	.6	3.19
22	3.040	1448.09	3.41	0.	1668.	0.	5.69	.00	5.65	.00	1.80	.5	4.09
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59

52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 1.9000 DTH = .0500 ITERR = 1
QU(1) = 11092.41 YU(1) = 1567.27 QU(N) = 3015.54 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.27	4.98	7.	2215.	7.	11.09	.01	10.82	.01	1.76	.6	2.27
12	.960	1521.22	3.78	203.	2218.	203.	9.92	.28	9.14	.28	1.90	.6	3.22
22	3.040	1448.17	3.47	0.	1747.	0.	6.06	.00	6.00	.00	1.88	.5	4.17
32	4.710	1396.08	2.00	0.	586.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 30

TT = 1.9500 DTH = .0500 ITERR = 1
QU(1) = 11363.26 YU(1) = 1567.30 QU(N) = 3016.57 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.30	5.03	7.	2246.	7.	11.36	.02	11.07	.02	1.79	.6	2.30
12	.960	1521.25	3.79	218.	2249.	218.	10.19	.30	9.36	.30	1.93	.6	3.25
22	3.040	1448.25	3.53	0.	1829.	0.	6.45	.00	6.39	.00	1.96	.5	4.25
32	4.710	1396.08	2.00	0.	585.	0.	1.17	.00	1.03	.00	.00	.5	1.08
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 28

TT = 2.0000 DTH = .0500 ITERR = 1
QU(1) = 11634.11 YU(1) = 1567.33 QU(N) = 3015.53 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.33	5.08	7.	2277.	7.	11.63	.02	11.33	.02	1.82	.6	2.33
12	.960	1521.28	3.81	235.	2281.	235.	10.47	.33	9.59	.33	1.96	.6	3.28
22	3.040	1448.34	3.58	0.	1915.	0.	6.86	.00	6.80	.00	2.05	.5	4.34
32	4.710	1396.09	2.02	0.	592.	0.	1.20	.00	1.05	.00	.01	.5	1.09
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 28

TT = 2.0500 DTH = .0500 ITERR = 1
QU(1) = 11904.97 YU(1) = 1567.36 QU(N) = 3016.58 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.36	5.12	8.	2308.	8.	11.90	.02	11.59	.02	1.85	.6	2.36

12	.960	1521.31	3.81	252.	2313.	252.	10.75	.36	9.82	.36	1.99	.6	3.31
22	3.040	1448.42	3.61	0.	1999.	0.	7.22	.00	7.19	.00	2.13	.5	4.42
32	4.710	1396.11	2.10	0.	615.	0.	1.29	.00	1.11	.00	.03	.5	1.11
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 29

TT = 2.1000 DTH = .0500 ITERR = 1
QU(1) = 12175.82 YU(1) = 1567.39 QU(N) = 3015.53 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.39	5.17	8.	2339.	8.	12.18	.02	11.85	.02	1.88	.6	2.39
12	.960	1521.34	3.82	270.	2344.	270.	11.01	.39	10.04	.39	2.02	.6	3.34
22	3.040	1448.49	3.64	0.	2076.	0.	7.57	.00	7.56	.00	2.20	.5	4.49
32	4.710	1396.15	2.22	0.	657.	0.	1.46	.00	1.22	.00	.07	.5	1.15
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 30

TT = 2.1500 DTH = .0500 ITERR = 1
QU(1) = 12446.67 YU(1) = 1567.42 QU(N) = 3016.58 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.42	5.21	8.	2370.	8.	12.45	.02	12.11	.02	1.91	.6	2.42
12	.960	1521.38	3.81	289.	2375.	289.	11.26	.42	10.26	.42	2.06	.6	3.38
22	3.040	1448.56	3.69	0.	2146.	0.	7.92	.00	7.89	.00	2.27	.5	4.56
32	4.710	1396.22	2.40	0.	733.	0.	1.76	.00	1.44	.00	.14	.5	1.22
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .41 IIFM= 30

TT = 2.2000 DTH = .0500 ITERR = 1
QU(1) = 12717.52 YU(1) = 1567.45 QU(N) = 3015.53 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.45	5.26	9.	2401.	9.	12.72	.02	12.37	.02	1.94	.6	2.45
12	.960	1521.41	3.81	309.	2406.	309.	11.52	.45	10.48	.45	2.09	.6	3.41
22	3.040	1448.62	3.73	0.	2209.	0.	8.24	.00	8.19	.00	2.33	.5	4.62
32	4.710	1396.32	2.58	0.	848.	0.	2.19	.00	1.78	.00	.24	.5	1.32
42	5.685	1371.59	2.57	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.2500 DTH = .0500 ITERR = 1
QU(1) = 12988.38 YU(1) = 1567.48 QU(N) = 3016.58 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.48	5.30	9.	2432.	9.	12.99	.02	12.64	.02	1.97	.6	2.48
12	.960	1521.44	3.80	330.	2437.	330.	11.78	.49	10.70	.49	2.12	.6	3.44
22	3.040	1448.67	3.76	0.	2267.	0.	8.53	.00	8.47	.00	2.38	.5	4.67
32	4.710	1396.46	2.76	0.	1030.	0.	2.84	.00	2.36	.00	.38	.5	1.46
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.3000 DTH = .0500 ITERR = 1
QU(1) = 13259.23 YU(1) = 1567.51 QU(N) = 3015.53 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.51	5.34	10.	2463.	10.	13.26	.02	12.91	.02	2.00	.6	2.51
12	.960	1521.47	3.80	352.	2469.	352.	12.06	.53	10.94	.53	2.15	.6	3.47
22	3.040	1448.72	3.79	0.	2321.	0.	8.81	.00	8.74	.00	2.43	.5	4.72
32	4.710	1396.63	2.85	0.	1254.	0.	3.58	.00	3.12	.00	.55	.5	1.63
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.3500 DTH = .0500 ITERR = 1
QU(1) = 13530.08 YU(1) = 1567.54 QU(N) = 3016.58 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.54	5.38	10.	2493.	10.	13.53	.02	13.18	.02	2.04	.6	2.54
12	.960	1521.50	3.79	375.	2500.	375.	12.33	.57	11.18	.57	2.18	.6	3.50
22	3.040	1448.76	3.83	0.	2375.	0.	9.09	.00	9.02	.00	2.48	.5	4.76
32	4.710	1396.80	2.88	0.	1499.	0.	4.32	.00	4.00	.00	.72	.5	1.80
42	5.685	1371.59	2.58	0.	522.	0.	1.35	.00	1.09	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 30

TT = 2.4000 DTH = .0500 ITERR = 1
QU(1) = 13800.93 YU(1) = 1567.57 QU(N) = 3015.52 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.57	5.42	10.	2524.	10.	13.80	.03	13.45	.03	2.07	.6	2.57
12	.960	1521.53	3.81	394.	2525.	394.	12.63	.61	11.36	.61	2.20	.6	3.53
22	3.040	1448.81	3.86	0.	2430.	0.	9.37	.00	9.30	.00	2.53	.5	4.81
32	4.710	1396.95	2.86	0.	1727.	0.	4.94	.00	4.86	.00	.87	.5	1.95
42	5.685	1371.59	2.60	0.	522.	0.	1.36	.00	1.10	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 30

TT = 2.4500 DTH = .0500 ITERR = 1
QU(1) = 14071.79 YU(1) = 1567.60 QU(N) = 3016.58 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1567.60	5.46	11.	2555.	11.	14.07	.03	13.73	.03	2.10	.6	2.60
12	.960	1521.55	3.83	411.	2547.	411.	12.90	.64	11.53	.64	2.23	.6	3.55
22	3.040	1448.86	3.88	0.	2484.	0.	9.63	.00	9.57	.00	2.57	.5	4.86
32	4.710	1397.06	2.94	0.	1899.	0.	5.58	.00	5.45	.00	.98	.5	2.06
42	5.685	1371.59	2.67	0.	522.	0.	1.40	.00	1.13	.00	.00	.5	1.59
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 30

TT = 2.5000 DTH = .0500 ITERR = 1
QU(1) = 14342.64 YU(1) = 1567.64 QU(N) = 3015.52 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1567.64	5.50	11.	2586.	11.	14.34	.03	14.00	.03	2.13	.6	2.64
12	.960	1521.57	3.84	428.	2568.	428.	13.16	.68	11.69	.68	2.25	.6	3.57
22	3.040	1448.91	3.90	0.	2541.	0.	9.90	.00	9.85	.00	2.62	.5	4.91
32	4.710	1397.13	3.04	0.	2008.	0.	6.11	.00	5.85	.00	1.04	.5	2.13
42	5.685	1371.63	2.71	0.	549.	0.	1.49	.00	1.23	.00	.04	.5	1.63
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 30

TT = 2.5500 DTH = .0500 ITERR = 1
QU(1) = 14613.49 YU(1) = 1567.67 QU(N) = 3016.58 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1567.67	5.54	12.	2617.	12.	14.61	.03	14.28	.03	2.16	.6	2.67
12	.960	1521.59	3.85	445.	2589.	445.	13.41	.71	11.84	.71	2.27	.6	3.59
22	3.040	1448.95	3.91	0.	2595.	0.	10.16	.00	10.14	.00	2.67	.5	4.95
32	4.710	1397.18	3.12	0.	2090.	0.	6.53	.00	6.19	.00	1.09	.5	2.18
42	5.685	1371.71	2.71	0.	607.	0.	1.64	.00	1.41	.00	.12	.5	1.71
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .43 IIFM= 30

TT = 2.6000 DTH = .0500 ITERR = 1
QU(1) = 14884.35 YU(1) = 1567.70 QU(N) = 3015.52 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1567.70	5.57	12.	2647.	12.	14.88	.03	14.57	.03	2.19	.6	2.70
12	.960	1521.61	3.86	463.	2609.	463.	13.66	.74	11.99	.74	2.29	.6	3.61
22	3.040	1449.00	3.94	0.	2646.	0.	10.41	.00	10.41	.00	2.71	.5	5.00
32	4.710	1397.22	3.19	0.	2172.	0.	6.94	.00	6.53	.00	1.14	.5	2.22
42	5.685	1371.81	2.70	0.	686.	0.	1.85	.00	1.67	.00	.22	.5	1.81

52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.6500 DTH = .0500 ITERR = 2
QU(1) = 15155.20 YU(1) = 1567.73 QU(N) = 3016.58 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.73	5.61	12.	2678.	12.	15.16	.03	14.85	.03	2.22	.6	2.73
12	.960	1521.63	3.87	482.	2631.	482.	13.92	.78	12.15	.78	2.31	.6	3.63
22	3.040	1449.03	3.98	1.	2687.	1.	10.70	.00	10.66	.00	2.74	.5	5.03
32	4.710	1397.27	3.25	0.	2256.	0.	7.34	.00	6.88	.00	1.19	.5	2.27
42	5.685	1372.03	2.88	1.	881.	1.	2.54	.00	2.35	.00	.44	.6	2.03
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.7000 DTH = .0500 ITERR = 1
QU(1) = 15426.05 YU(1) = 1567.76 QU(N) = 3015.74 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.76	5.64	13.	2708.	13.	15.43	.03	15.14	.03	2.25	.6	2.76
12	.960	1521.65	3.88	502.	2654.	502.	14.20	.82	12.32	.82	2.33	.6	3.65
22	3.040	1449.06	4.02	2.	2720.	2.	10.93	.00	10.87	.00	2.77	.5	5.06
32	4.710	1397.32	3.30	0.	2338.	0.	7.72	.00	7.22	.00	1.23	.5	2.32
42	5.685	1372.24	3.24	52.	1098.	52.	3.89	.03	2.74	.03	.65	.7	2.24
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.7500 DTH = .0500 ITERR = 1
QU(1) = 15696.90 YU(1) = 1567.79 QU(N) = 3016.09 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.79	5.68	13.	2739.	13.	15.70	.04	15.42	.04	2.28	.6	2.79
12	.960	1521.68	3.89	523.	2676.	523.	14.47	.86	12.49	.86	2.36	.6	3.68
22	3.040	1449.08	4.05	4.	2749.	4.	11.15	.00	11.06	.00	2.80	.5	5.08
32	4.710	1397.36	3.35	0.	2412.	0.	8.07	.00	7.53	.00	1.28	.5	2.36
42	5.685	1372.36	3.26	118.	1247.	118.	4.84	.10	3.18	.10	.77	.8	2.36
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.8000 DTH = .0500 ITERR = 1
QU(1) = 15967.76 YU(1) = 1567.82 QU(N) = 3015.37 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.82	5.71	14.	2770.	14.	15.97	.04	15.71	.04	2.31	.6	2.82

12	.960	1521.70	3.89	542.	2697.	542.	14.73	.91	12.66	.91	2.38	.6	3.70
22	3.040	1449.11	4.08	6.	2779.	6.	11.39	.00	11.28	.00	2.82	.5	5.11
32	4.710	1397.40	3.38	0.	2484.	0.	8.40	.00	7.83	.00	1.32	.5	2.40
42	5.685	1372.45	3.12	181.	1365.	181.	5.39	.17	3.47	.17	.86	.7	2.45
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .41 IIFM= 30

TT = 2.8500 DTH = .0500 ITERR = 1
QU(1) = 16238.61 YU(1) = 1567.85 QU(N) = 3016.03 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1567.85	5.74	14.	2800.	14.	16.24	.04	16.01	.04	2.34	.6	2.85
12	.960	1521.72	3.90	562.	2718.	562.	14.99	.95	12.83	.95	2.40	.6	3.72
22	3.040	1449.14	4.11	10.	2813.	10.	11.65	.00	11.51	.00	2.85	.5	5.14
32	4.710	1397.44	3.42	0.	2553.	0.	8.72	.00	8.14	.00	1.35	.5	2.44
42	5.685	1372.51	3.03	238.	1458.	238.	5.86	.25	3.74	.25	.92	.7	2.51
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.9000 DTH = .0500 ITERR = 1
QU(1) = 16509.46 YU(1) = 1567.88 QU(N) = 3015.78 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1567.88	5.77	15.	2830.	15.	16.51	.04	16.30	.04	2.37	.6	2.88
12	.960	1521.74	3.91	584.	2741.	584.	15.27	1.00	13.01	1.00	2.42	.6	3.74
22	3.040	1449.17	4.14	14.	2848.	14.	11.92	.01	11.75	.01	2.88	.5	5.17
32	4.710	1397.48	3.45	0.	2632.	0.	9.08	.00	8.49	.00	1.39	.5	2.48
42	5.685	1372.56	2.95	286.	1532.	286.	6.21	.32	3.95	.32	.97	.7	2.56
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 2.9500 DTH = .0500 ITERR = 1
QU(1) = 16780.31 YU(1) = 1567.91 QU(N) = 3015.84 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1567.91	5.81	15.	2860.	15.	16.78	.04	16.60	.04	2.40	.6	2.91
12	.960	1521.76	3.91	608.	2764.	608.	15.56	1.05	13.20	1.05	2.44	.6	3.76
22	3.040	1449.19	4.17	19.	2881.	19.	12.17	.01	11.98	.01	2.91	.5	5.19
32	4.710	1397.52	3.48	0.	2712.	0.	9.44	.00	8.85	.00	1.44	.5	2.52
42	5.685	1372.61	2.88	334.	1602.	334.	6.53	.39	4.16	.39	1.02	.7	2.61
52	6.812	1343.66	2.64	0.	921.	0.	2.43	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.0000 DTH = .0500 ITERR = 1
QU(1) = 17051.17 YU(1) = 1567.94 QU(N) = 3015.85 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.94	5.83	16.	2891.	16.	17.05	.04	16.90	.04	2.43	.6	2.94
12	.960	1521.79	3.91	631.	2787.	631.	15.84	1.10	13.37	1.10	2.47	.6	3.79
22	3.040	1449.22	4.19	25.	2913.	25.	12.40	.02	12.20	.02	2.93	.6	5.22
32	4.710	1397.56	3.50	0.	2787.	0.	9.76	.00	9.18	.00	1.48	.5	2.56
42	5.685	1372.65	2.81	379.	1666.	379.	6.82	.46	4.36	.46	1.06	.6	2.65
52	6.812	1343.66	2.64	0.	921.	0.	2.44	.00	2.08	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.0500 DTH = .0500 ITERR = 1
QU(1) = 17322.02 YU(1) = 1567.97 QU(N) = 3015.82 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1567.97	5.87	16.	2920.	16.	17.32	.05	17.20	.05	2.46	.6	2.97
12	.960	1521.81	3.91	655.	2809.	655.	16.10	1.15	13.54	1.15	2.49	.6	3.81
22	3.040	1449.25	4.20	32.	2946.	32.	12.63	.02	12.41	.02	2.96	.6	5.25
32	4.710	1397.59	3.52	0.	2857.	0.	10.06	.00	9.49	.00	1.51	.5	2.59
42	5.685	1372.69	2.75	426.	1729.	426.	7.09	.53	4.55	.53	1.10	.6	2.69
52	6.812	1343.66	2.66	0.	921.	0.	2.45	.00	2.09	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.1000 DTH = .0500 ITERR = 1
QU(1) = 17592.87 YU(1) = 1568.00 QU(N) = 3015.87 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.00	5.90	17.	2949.	17.	17.59	.05	17.50	.05	2.49	.6	3.00
12	.960	1521.83	3.91	679.	2832.	679.	16.36	1.20	13.71	1.20	2.51	.6	3.83
22	3.040	1449.28	4.21	40.	2981.	40.	12.89	.03	12.66	.03	2.99	.6	5.28
32	4.710	1397.63	3.54	0.	2924.	0.	10.35	.00	9.79	.00	1.55	.5	2.63
42	5.685	1372.72	2.69	472.	1790.	472.	7.35	.61	4.74	.61	1.13	.6	2.72
52	6.812	1343.66	2.78	0.	921.	0.	2.56	.00	2.18	.00	.00	.5	1.66
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.1500 DTH = .0500 ITERR = 1
QU(1) = 17863.72 YU(1) = 1568.02 QU(N) = 3016.22 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.02	5.94	17.	2974.	17.	17.86	.05	17.74	.05	2.52	.6	3.02
12	.960	1521.85	3.90	703.	2854.	703.	16.62	1.26	13.88	1.26	2.53	.6	3.85
22	3.040	1449.31	4.22	50.	3021.	50.	13.17	.04	12.92	.04	3.02	.6	5.31
32	4.710	1397.66	3.55	0.	2988.	0.	10.62	.00	10.08	.00	1.58	.5	2.66
42	5.685	1372.76	2.63	519.	1850.	519.	7.59	.69	4.93	.69	1.17	.6	2.76
52	6.812	1343.86	2.91	0.	1154.	0.	3.36	.00	3.14	.00	.20	.5	1.86
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FRDM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.2000 DTH = .0500 ITERR = 1
QU(1) = 18134.58 YU(1) = 1568.05 QU(N) = 3017.45 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.05	5.98	18.	2997.	18.	18.13	.05	17.98	.05	2.54	.6	3.05
12	.960	1521.88	3.90	728.	2877.	728.	16.89	1.32	14.05	1.32	2.56	.6	3.88
22	3.040	1449.34	4.22	61.	3059.	61.	13.44	.05	13.17	.05	3.05	.6	5.34
32	4.710	1397.69	3.57	0.	3052.	0.	10.89	.00	10.38	.00	1.61	.5	2.69
42	5.685	1372.79	2.58	566.	1910.	566.	7.84	.78	5.12	.78	1.20	.6	2.79
52	6.812	1344.09	3.08	0.	1456.	0.	4.48	.00	4.29	.00	.43	.5	2.09
56	7.418	1327.53	2.78	300.	486.	300.	3.02	.29	.48	.29	.00	.9	.53

FROM= .95 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.2500 DTH = .0500 ITERR = 1
QU(1) = 18405.43 YU(1) = 1568.07 QU(N) = 3010.75 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.07	6.02	18.	3021.	18.	18.41	.05	18.22	.05	2.56	.6	3.07
12	.960	1521.90	3.89	754.	2899.	754.	17.16	1.37	14.23	1.37	2.58	.6	3.90
22	3.040	1449.37	4.22	72.	3095.	72.	13.68	.07	13.40	.07	3.08	.6	5.37
32	4.710	1397.72	3.58	0.	3115.	0.	11.15	.00	10.67	.00	1.64	.5	2.72
42	5.685	1372.83	2.52	614.	1969.	614.	8.07	.87	5.31	.87	1.24	.5	2.83
52	6.812	1344.20	3.23	0.	1615.	0.	5.22	.00	4.85	.00	.54	.5	2.20
56	7.418	1327.53	2.77	300.	486.	300.	3.01	.29	.47	.29	.00	.9	.53

FROM= .94 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.3000 DTH = .0500 ITERR = 0
QU(1) = 18676.28 YU(1) = 1568.09 QU(N) = 2906.77 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.09	6.06	19.	3045.	19.	18.68	.06	18.47	.06	2.59	.6	3.09
12	.960	1521.92	3.89	780.	2921.	780.	17.43	1.43	14.41	1.43	2.60	.6	3.92
22	3.040	1449.40	4.23	84.	3129.	84.	13.93	.08	13.64	.08	3.11	.6	5.40
32	4.710	1397.75	3.59	0.	3178.	0.	11.41	.00	10.97	.00	1.67	.5	2.75
42	5.685	1372.86	2.47	664.	2029.	664.	8.30	.96	5.51	.96	1.27	.5	2.86
52	6.812	1344.26	3.29	0.	1701.	0.	5.60	.00	5.15	.00	.60	.5	2.26
56	7.418	1327.53	2.68	300.	486.	300.	2.91	.28	.46	.28	.00	.9	.53

FROM= .91 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.3500 DTH = .0500 ITERR = 1
QU(1) = 18947.14 YU(1) = 1568.12 QU(N) = 2912.66 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.12	6.10	19.	3069.	19.	18.95	.06	18.71	.06	2.61	.6	3.12
12	.960	1521.94	3.89	805.	2943.	805.	17.71	1.50	14.60	1.50	2.62	.6	3.94
22	3.040	1449.43	4.23	96.	3163.	96.	14.19	.10	13.90	.10	3.14	.6	5.43
32	4.710	1397.79	3.60	0.	3244.	0.	11.69	.00	11.28	.00	1.70	.5	2.79
42	5.685	1372.89	2.43	715.	2089.	715.	8.53	1.06	5.71	1.06	1.30	.5	2.89

52	6.812	1344.31	3.30	0.	1779.	0.	5.87	.00	5.37	.00	.65	.5	2.31
56	7.418	1327.53	2.68	300.	486.	300.	2.91	.28	.46	.28	.00	.9	.53

FRDM= .91 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.4000 DTH = .0500 ITERR = 0
QU(1) = 19217.99 YU(1) = 1568.14 QU(N) = 3090.41 YU(N) = 1327.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.14	6.14	19.	3093.	19.	19.22	.06	18.96	.06	2.63	.6	3.14
12	.960	1521.96	3.89	830.	2964.	830.	17.97	1.56	14.78	1.56	2.64	.6	3.96
22	3.040	1449.46	4.23	109.	3197.	109.	14.44	.12	14.15	.12	3.17	.6	5.46
32	4.710	1397.82	3.61	0.	3321.	0.	12.00	.00	11.65	.00	1.74	.5	2.82
42	5.685	1372.92	2.38	766.	2148.	766.	8.75	1.16	5.90	1.16	1.33	.5	2.92
52	6.812	1344.35	3.31	0.	1847.	0.	6.12	.00	5.59	.00	.69	.5	2.35
56	7.418	1327.53	2.84	300.	486.	300.	3.09	.30	.49	.30	.00	1.0	.53

FRDM= .97 IIFR= 56 FRM= .42 IIFM= 30

TT = 3.4500 DTH = .0500 ITERR = 1
QU(1) = 20031.16 YU(1) = 1568.21 QU(N) = 3811.53 YU(N) = 1327.60

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.21	6.25	21.	3161.	21.	20.03	.07	19.71	.07	2.70	.6	3.21
12	.960	1521.99	3.88	859.	2987.	859.	18.28	1.63	14.99	1.63	2.67	.6	3.99
22	3.040	1449.48	4.23	123.	3230.	123.	14.70	.14	14.40	.14	3.20	.6	5.48
32	4.710	1397.86	3.62	0.	3397.	0.	12.30	.00	12.01	.00	1.78	.5	2.86
42	5.685	1372.96	2.33	827.	2218.	827.	9.04	1.29	6.16	1.29	1.37	.5	2.96
52	6.812	1344.39	3.33	0.	1901.	0.	6.34	.00	5.79	.00	.73	.5	2.39
56	7.418	1327.60	2.83	372.	603.	372.	3.81	.44	.72	.44	.06	.9	.60

FRDM= .91 IIFR= 56 FRM= .43 IIFM= 30

TT = 3.5000 DTH = .0500 ITERR = 0
QU(1) = 20844.36 YU(1) = 1568.28 QU(N) = 4419.21 YU(N) = 1327.68

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.28	6.36	22.	3235.	22.	20.84	.07	20.47	.07	2.78	.6	3.28
12	.960	1522.01	3.88	885.	3008.	885.	18.54	1.70	15.13	1.70	2.69	.6	4.01
22	3.040	1449.51	4.22	137.	3263.	137.	14.95	.16	14.61	.16	3.22	.6	5.51
32	4.710	1397.89	3.63	0.	3462.	0.	12.55	.00	12.31	.00	1.81	.5	2.89
42	5.685	1373.02	2.28	935.	2339.	935.	9.58	1.49	6.50	1.49	1.43	.5	3.02
52	6.812	1344.40	3.42	0.	1919.	0.	6.56	.00	5.99	.00	.74	.5	2.40
56	7.418	1327.68	2.49	490.	793.	490.	4.42	.65	1.05	.65	.15	.8	.68

FRDM= .81 IIFR= 11 FRM= .44 IIFM= 30

TT = 3.5500 DTH = .0500 ITERR = 0
QU(1) = 21657.56 YU(1) = 1568.35 QU(N) = 4896.44 YU(N) = 1327.76

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.35	6.46	23.	3304.	23.	21.66	.08	21.24	.08	2.85	.6	3.35

12	.960	1522.03	3.91	908.	3026.	908.	18.91	1.77	15.31	1.77	2.71	.6	4.03
22	3.040	1449.53	4.26	150.	3291.	150.	15.29	.18	14.86	.18	3.25	.6	5.53
32	4.710	1397.92	3.63	0.	3525.	0.	12.79	.00	12.61	.00	1.84	.5	2.92
42	5.685	1373.06	2.39	1015.	2424.	1015.	10.64	1.69	7.00	1.69	1.47	.5	3.06
52	6.812	1344.43	3.41	0.	1973.	0.	6.73	.00	6.16	.00	.77	.5	2.43
56	7.418	1327.76	2.23	607.	983.	607.	4.90	.86	1.39	.86	.23	.6	.76

FROM= .82 IIFR= 11 FRM= .45 IIFM= 30

TT = 3.6000 DTH = .0500 ITERR = 1
QU(1) = 22470.76 YU(1) = 1568.43 QU(N) = 5229.22 YU(N) = 1327.82

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.43	6.56	24.	3375.	24.	22.47	.09	22.02	.09	2.92	.6	3.43
12	.960	1522.05	3.92	936.	3048.	936.	19.28	1.86	15.47	1.86	2.73	.6	4.05
22	3.040	1449.55	4.26	161.	3315.	161.	15.51	.20	15.01	.20	3.27	.6	5.55
32	4.710	1397.95	3.64	0.	3585.	0.	13.04	.00	12.92	.00	1.86	.5	2.95
42	5.685	1373.07	2.39	1035.	2444.	1035.	10.79	1.72	7.05	1.72	1.48	.5	3.07
52	6.812	1344.45	3.46	0.	2004.	0.	6.94	.00	6.35	.00	.79	.6	2.45
56	7.418	1327.82	2.06	701.	1135.	701.	5.23	1.03	1.67	1.03	.28	.6	.82

FROM= .82 IIFR= 11 FRM= .45 IIFM= 30

TT = 3.6500 DTH = .0500 ITERR = 1
QU(1) = 23283.96 YU(1) = 1568.49 QU(N) = 5521.27 YU(N) = 1327.87

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.49	6.66	26.	3444.	26.	23.28	.09	22.81	.09	2.99	.6	3.49
12	.960	1522.08	3.95	977.	3081.	977.	19.91	1.99	15.78	1.99	2.76	.6	4.08
22	3.040	1449.57	4.28	172.	3338.	172.	15.78	.22	15.21	.22	3.29	.6	5.57
32	4.710	1397.98	3.64	0.	3662.	0.	13.32	.00	13.28	.00	1.90	.5	2.98
42	5.685	1373.09	2.43	1068.	2479.	1068.	11.23	1.81	7.26	1.81	1.50	.5	3.09
52	6.812	1344.48	3.47	0.	2050.	0.	7.10	.00	6.52	.00	.82	.5	2.48
56	7.418	1327.87	1.94	788.	1276.	788.	5.52	1.20	1.94	1.20	.33	.5	.87

FROM= .83 IIFR= 11 FRM= .46 IIFM= 30

TT = 3.7000 DTH = .0500 ITERR = 1
QU(1) = 24097.16 YU(1) = 1568.56 QU(N) = 5770.11 YU(N) = 1327.91

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.56	6.76	27.	3513.	27.	24.10	.10	23.62	.10	3.06	.6	3.56
12	.960	1522.12	3.99	1030.	3123.	1030.	20.66	2.17	16.12	2.17	2.80	.6	4.12
22	3.040	1449.59	4.30	184.	3360.	184.	16.01	.23	15.38	.23	3.30	.6	5.59
32	4.710	1398.01	3.67	0.	3724.	0.	13.67	.00	13.65	.00	1.93	.5	3.01
42	5.685	1373.10	2.44	1095.	2506.	1095.	11.48	1.86	7.36	1.86	1.51	.5	3.10
52	6.812	1344.50	3.50	0.	2085.	0.	7.29	.00	6.70	.00	.84	.6	2.50
56	7.418	1327.91	1.84	866.	1402.	866.	5.77	1.36	2.20	1.36	.37	.5	.91

FROM= .84 IIFR= 11 FRM= .47 IIFM= 30

TT = 3.7500 DTH = .0500 ITERR = 1
QU(1) = 24910.36 YU(1) = 1568.63 QU(N) = 5996.50 YU(N) = 1327.95

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.63	6.85	28.	3582.	28.	24.91	.11	24.43	.11	3.12	.6	3.63
12	.960	1522.17	4.02	1092.	3172.	1092.	21.54	2.38	16.54	2.38	2.85	.6	4.17
22	3.040	1449.61	4.31	196.	3382.	196.	16.26	.26	15.56	.26	3.32	.6	5.61
32	4.710	1398.03	3.71	1.	3773.	1.	13.99	.00	13.92	.00	1.95	.5	3.03
42	5.685	1373.12	2.47	1124.	2535.	1124.	11.82	1.93	7.52	1.93	1.53	.5	3.12
52	6.812	1344.53	3.51	0.	2127.	0.	7.46	.00	6.86	.00	.86	.5	2.53
56	7.418	1327.95	1.76	941.	1524.	941.	6.00	1.51	2.45	1.51	.41	.5	.95

FRDM= .84 IIFR= 11 FRM= .45 IIFM= 56

TT = 3.8000 DTH = .0500 ITERR = 1
QU(1) = 25723.56 YU(1) = 1568.70 QU(N) = 6203.46 YU(N) = 1327.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.70	6.94	29.	3650.	29.	25.72	.12	25.25	.12	3.19	.6	3.70
12	.960	1522.22	4.06	1157.	3223.	1157.	22.45	2.61	16.97	2.61	2.90	.6	4.22
22	3.040	1449.63	4.32	208.	3405.	208.	16.51	.28	15.74	.28	3.34	.6	5.63
32	4.710	1398.05	3.74	2.	3809.	2.	14.25	.00	14.16	.00	1.97	.5	3.05
42	5.685	1373.13	2.49	1152.	2563.	1152.	12.10	1.99	7.64	1.99	1.54	.5	3.13
52	6.812	1344.55	3.53	0.	2166.	0.	7.64	.00	7.05	.00	.89	.6	2.55
56	7.418	1327.98	1.69	1013.	1640.	1013.	6.20	1.66	2.69	1.66	.45	.4	.98

FRDM= .84 IIFR= 11 FRM= .43 IIFM= 56

TT = 3.8500 DTH = .0500 ITERR = 1
QU(1) = 26536.76 YU(1) = 1568.77 QU(N) = 6584.23 YU(N) = 1328.01

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.77	7.02	31.	3719.	31.	26.54	.13	26.08	.13	3.26	.6	3.77
12	.960	1522.27	4.09	1221.	3272.	1221.	23.35	2.84	17.41	2.84	2.95	.6	4.27
22	3.040	1449.65	4.33	222.	3430.	222.	16.79	.30	15.95	.30	3.36	.6	5.65
32	4.710	1398.07	3.76	4.	3846.	4.	14.50	.00	14.38	.00	1.98	.5	3.07
42	5.685	1373.15	2.51	1180.	2590.	1180.	12.40	2.06	7.78	2.06	1.56	.5	3.15
52	6.812	1344.58	3.55	0.	2215.	0.	7.86	.00	7.27	.00	.92	.6	2.58
56	7.418	1328.01	1.70	1068.	1729.	1068.	6.58	1.79	2.90	1.79	.47	.4	1.01

FRDM= .84 IIFR= 11 FRM= .42 IIFM= 56

TT = 3.9000 DTH = .0500 ITERR = 1
QU(1) = 27349.96 YU(1) = 1568.84 QU(N) = 7000.32 YU(N) = 1328.02

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.84	7.10	32.	3786.	32.	27.35	.14	26.93	.14	3.33	.6	3.84
12	.960	1522.32	4.11	1280.	3318.	1280.	24.18	3.06	17.81	3.06	3.00	.6	4.32
22	3.040	1449.67	4.34	237.	3457.	237.	17.07	.33	16.16	.33	3.39	.6	5.67
32	4.710	1398.08	3.79	5.	3880.	5.	14.75	.00	14.59	.00	2.00	.5	3.08
42	5.685	1373.16	2.52	1208.	2617.	1208.	12.68	2.12	7.91	2.12	1.57	.5	3.16
52	6.812	1344.62	3.59	0.	2287.	0.	8.22	.00	7.64	.00	.96	.6	2.62
56	7.418	1328.02	1.76	1097.	1776.	1097.	7.00	1.86	3.02	1.86	.49	.4	1.02

FRDM= .84 IIFR= 11 FRM= .43 IIFM= 56

TT = 3.9500 DTH = .0500 ITERR = 1
QU(1) = 28435.64 YU(1) = 1568.92 QU(N) = 7242.89 YU(N) = 1328.03

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.92	7.22	33.	3874.	33.	28.44	.15	28.06	.15	3.42	.7	3.92
12	.960	1522.36	4.13	1341.	3365.	1341.	25.00	3.29	18.21	3.29	3.04	.6	4.36
22	3.040	1449.69	4.35	253.	3483.	253.	17.35	.36	16.36	.36	3.41	.6	5.69
32	4.710	1398.10	3.81	8.	3913.	8.	14.98	.00	14.80	.00	2.01	.5	3.10
42	5.685	1373.17	2.54	1235.	2643.	1235.	12.97	2.19	8.05	2.19	1.58	.5	3.17
52	6.812	1344.69	3.65	0.	2420.	0.	8.84	.00	8.32	.00	1.03	.6	2.69
56	7.418	1328.03	1.80	1113.	1801.	1113.	7.24	1.90	3.09	1.90	.49	.4	1.03

FRDM= .84 IIFR= 11 FRM= .44 IIFM= 56

TT = 4.0000 DTH = .0500 ITERR = 0
QU(1) = 29521.34 YU(1) = 1569.01 QU(N) = 7477.45 YU(N) = 1328.04

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1569.01	7.32	35.	3964.	35.	29.52	.16	29.19	.16	3.51	.7	4.01
12	.960	1522.41	4.16	1402.	3411.	1402.	25.83	3.53	18.62	3.53	3.09	.6	4.41
22	3.040	1449.72	4.35	270.	3511.	270.	17.63	.39	16.56	.39	3.43	.6	5.72
32	4.710	1398.11	3.83	10.	3945.	10.	15.20	.00	15.00	.00	2.03	.5	3.11
42	5.685	1373.19	2.55	1264.	2670.	1264.	13.26	2.25	8.18	2.25	1.60	.5	3.19
52	6.812	1344.81	3.74	0.	2631.	0.	9.83	.00	9.44	.00	1.15	.6	2.81
56	7.418	1328.04	1.83	1127.	1825.	1127.	7.48	1.94	3.16	1.94	.50	.4	1.04

FRDM= .83 IIFR= 11 FRM= .44 IIFM= 56

TT = 4.0500 DTH = .0500 ITERR = 0
QU(1) = 30607.04 YU(1) = 1569.09 QU(N) = 7770.18 YU(N) = 1328.05

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1569.09	7.44	36.	4039.	36.	30.61	.17	30.18	.17	3.58	.7	4.09
12	.960	1522.46	4.18	1463.	3458.	1463.	26.71	3.78	19.06	3.78	3.14	.6	4.46
22	3.040	1449.74	4.35	287.	3538.	287.	17.90	.43	16.77	.43	3.45	.6	5.74
32	4.710	1398.13	3.85	13.	3976.	13.	15.42	.01	15.20	.01	2.04	.5	3.13
42	5.685	1373.20	2.57	1293.	2697.	1293.	13.55	2.32	8.32	2.32	1.61	.5	3.20
52	6.812	1344.90	3.77	0.	2803.	0.	10.57	.00	10.34	.00	1.24	.6	2.90
56	7.418	1328.05	1.87	1146.	1854.	1146.	7.77	1.99	3.25	1.99	.51	.4	1.05

FRDM= .82 IIFR= 11 FRM= .45 IIFM= 56

TT = 4.1000 DTH = .0500 ITERR = 0
QU(1) = 31692.74 YU(1) = 1569.17 QU(N) = 8135.02 YU(N) = 1328.06

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1569.17	7.55	38.	4121.	38.	31.69	.18	31.18	.18	3.66	.7	4.17
12	.960	1522.51	4.22	1535.	3512.	1535.	27.76	4.08	19.58	4.08	3.19	.6	4.51
22	3.040	1449.76	4.35	307.	3567.	307.	18.20	.46	16.98	.46	3.48	.6	5.76
32	4.710	1398.14	3.87	16.	4008.	16.	15.65	.01	15.40	.01	2.06	.6	3.14
42	5.685	1373.21	2.58	1321.	2723.	1321.	13.83	2.39	8.45	2.39	1.62	.5	3.21

52	6.812	1344.95	3.80	0.	2906.	0.	11.03	.00	10.91	.00	1.29	.6	2.95
56	7.418	1328.06	1.92	1169.	1891.	1169.	8.14	2.06	3.37	2.06	.52	.5	1.06

FRDM= .81 IIFR= 11 FRM= .46 IIFM= 56

TT = 4.1500 DTH = .0500 ITERR = 0
QU(1) = 32778.45 YU(1) = 1569.25 QU(N) = 8667.36 YU(N) = 1328.07

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.25	7.66	39.	4201.	39.	32.78	.19	32.20	.19	3.74	.7	4.25
12	.960	1522.57	4.28	1605.	3565.	1605.	29.02	4.39	20.12	4.39	3.24	.6	4.57
22	3.040	1449.80	4.35	332.	3605.	332.	18.59	.52	17.28	.52	3.51	.6	5.80
32	4.710	1398.16	3.89	20.	4041.	20.	15.88	.01	15.62	.01	2.07	.6	3.16
42	5.685	1373.22	2.59	1348.	2748.	1348.	14.09	2.45	8.57	2.45	1.63	.5	3.22
52	6.812	1344.99	3.82	0.	2979.	0.	11.38	.00	11.36	.00	1.33	.6	2.99
56	7.418	1328.07	1.99	1202.	1944.	1202.	8.67	2.16	3.53	2.16	.54	.5	1.07

FRDM= .81 IIFR= 11 FRM= .47 IIFM= 56

TT = 4.2000 DTH = .0500 ITERR = 0
QU(1) = 33864.15 YU(1) = 1569.33 QU(N) = 9345.87 YU(N) = 1328.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.33	7.76	41.	4281.	41.	33.86	.20	33.23	.20	3.82	.7	4.33
12	.960	1522.62	4.33	1674.	3616.	1674.	30.16	4.69	20.60	4.69	3.30	.6	4.62
22	3.040	1449.83	4.35	365.	3651.	365.	19.07	.59	17.64	.59	3.55	.6	5.83
32	4.710	1398.17	3.91	23.	4074.	23.	16.11	.01	15.83	.01	2.09	.6	3.17
42	5.685	1373.24	2.60	1373.	2770.	1373.	14.33	2.51	8.69	2.51	1.65	.5	3.24
52	6.812	1345.02	3.85	0.	3035.	0.	11.68	.00	11.65	.00	1.36	.6	3.02
56	7.418	1328.09	2.08	1245.	2012.	1245.	9.35	2.29	3.75	2.29	.56	.5	1.09

FRDM= .80 IIFR= 11 FRM= .47 IIFM= 51

TT = 4.2500 DTH = .0500 ITERR = 0
QU(1) = 34949.86 YU(1) = 1569.41 QU(N) = 9996.54 YU(N) = 1328.11

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.41	7.86	42.	4361.	42.	34.95	.22	34.27	.22	3.90	.7	4.41
12	.960	1522.67	4.38	1742.	3667.	1742.	31.32	5.00	21.10	5.00	3.35	.6	4.67
22	3.040	1449.88	4.35	406.	3705.	406.	19.64	.68	18.08	.68	3.59	.6	5.88
32	4.710	1398.18	3.93	28.	4107.	28.	16.34	.01	16.04	.01	2.10	.6	3.18
42	5.685	1373.25	2.61	1398.	2792.	1398.	14.56	2.57	8.80	2.57	1.66	.5	3.25
52	6.812	1345.04	3.88	0.	3084.	0.	11.96	.00	11.87	.00	1.38	.6	3.04
56	7.418	1328.11	2.15	1287.	2078.	1287.	10.00	2.41	3.96	2.41	.58	.5	1.11

FRDM= .80 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.3000 DTH = .0500 ITERR = 0
QU(1) = 36035.56 YU(1) = 1569.49 QU(N) = 10541.91 YU(N) = 1328.13

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.49	7.96	44.	4440.	44.	36.04	.23	35.32	.23	3.98	.7	4.49

12	.960	1522.72	4.42	1810.	3717.	1810.	32.45	5.31	21.59	5.31	3.40	.6	4.72
22	3.040	1449.93	4.34	454.	3766.	454.	20.29	.78	18.58	.78	3.64	.6	5.93
32	4.710	1398.20	3.94	33.	4141.	33.	16.59	.02	16.27	.02	2.12	.6	3.20
42	5.685	1373.26	2.61	1421.	2813.	1421.	14.79	2.63	8.91	2.63	1.67	.5	3.26
52	6.812	1345.06	3.90	0.	3131.	0.	12.21	.00	12.09	.00	1.40	.6	3.06
56	7.418	1328.13	2.21	1322.	2134.	1322.	10.54	2.52	4.14	2.52	.59	.5	1.13

FRDM= .79 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.3500 DTH = .0500 ITERR = 0
QU(1) = 37121.27 YU(1) = 1569.57 QU(N) = 10985.64 YU(N) = 1328.14

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.57	8.05	45.	4520.	45.	37.12	.24	36.39	.24	4.06	.7	4.57
12	.960	1522.77	4.46	1875.	3765.	1875.	33.56	5.62	22.08	5.62	3.45	.6	4.77
22	3.040	1449.98	4.34	507.	3829.	507.	21.00	.91	19.14	.91	3.70	.6	5.98
32	4.710	1398.22	3.96	38.	4177.	38.	16.85	.02	16.51	.02	2.13	.6	3.22
42	5.685	1373.27	2.62	1444.	2833.	1444.	15.00	2.69	9.01	2.69	1.68	.5	3.27
52	6.812	1345.09	3.92	0.	3177.	0.	12.46	.00	12.30	.00	1.42	.6	3.09
56	7.418	1328.14	2.25	1351.	2179.	1351.	10.99	2.61	4.29	2.61	.61	.5	1.14

FRDM= .79 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.4000 DTH = .0500 ITERR = 0
QU(1) = 38206.97 YU(1) = 1569.64 QU(N) = 11349.69 YU(N) = 1328.15

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.64	8.15	46.	4594.	46.	38.21	.25	37.46	.25	4.14	.7	4.64
12	.960	1522.81	4.50	1942.	3814.	1942.	34.62	5.93	22.54	5.93	3.49	.6	4.81
22	3.040	1450.03	4.35	561.	3891.	561.	21.83	1.05	19.65	1.05	3.75	.6	6.03
32	4.710	1398.23	3.98	44.	4214.	44.	17.10	.03	16.75	.03	2.15	.6	3.23
42	5.685	1373.28	2.63	1467.	2853.	1467.	15.21	2.74	9.12	2.74	1.69	.5	3.28
52	6.812	1345.11	3.94	0.	3222.	0.	12.70	.00	12.51	.00	1.44	.6	3.11
56	7.418	1328.15	2.29	1375.	2216.	1375.	11.35	2.68	4.42	2.68	.62	.5	1.15

FRDM= .79 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.4500 DTH = .0500 ITERR = 1
QU(1) = 40398.52 YU(1) = 1569.79 QU(N) = 11664.75 YU(N) = 1328.16

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.79	8.36	49.	4737.	49.	40.40	.28	39.67	.28	4.28	.7	4.79
12	.960	1522.87	4.53	2013.	3865.	2013.	35.76	6.26	23.03	6.26	3.55	.6	4.87
22	3.040	1450.08	4.38	615.	3950.	615.	22.71	1.20	20.13	1.20	3.80	.6	6.08
32	4.710	1398.25	3.99	50.	4248.	50.	17.35	.03	16.98	.03	2.17	.6	3.25
42	5.685	1373.29	2.64	1489.	2873.	1489.	15.42	2.80	9.22	2.80	1.70	.5	3.29
52	6.812	1345.13	3.96	0.	3269.	0.	12.94	.00	12.72	.00	1.47	.6	3.13
56	7.418	1328.16	2.31	1396.	2249.	1396.	11.66	2.74	4.53	2.74	.63	.5	1.16

FRDM= .78 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.5000 DTH = .0500 ITERR = 1
QU(1) = 42590.10 YU(1) = 1569.93 QU(N) = 11940.71 YU(N) = 1328.17

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1569.93	8.54	52.	4885.	52.	42.59	.31	41.92	.31	4.43	.7	4.93
12	.960	1522.92	4.57	2088.	3919.	2088.	36.97	6.63	23.57	6.63	3.60	.5	4.92
22	3.040	1450.13	4.41	669.	4008.	669.	23.58	1.35	20.62	1.35	3.84	.6	6.13
32	4.710	1398.27	4.00	57.	4284.	57.	17.60	.04	17.22	.04	2.18	.6	3.27
42	5.685	1373.30	2.64	1512.	2893.	1512.	15.63	2.85	9.32	2.85	1.71	.5	3.30
52	6.812	1345.15	3.98	0.	3314.	0.	13.18	.00	12.94	.00	1.49	.6	3.15
56	7.418	1328.17	2.34	1414.	2277.	1414.	11.94	2.80	4.62	2.80	.64	.5	1.17

FRDM= .78 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.5500 DTH = .0500 ITERR = 1
QU(1) = 44781.68 YU(1) = 1570.07 QU(N) = 12199.02 YU(N) = 1328.18

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1570.07	8.72	55.	5024.	55.	44.78	.33	44.05	.33	4.57	.7	5.07
12	.960	1522.98	4.61	2176.	3983.	2176.	38.44	7.08	24.25	7.08	3.66	.5	4.98
22	3.040	1450.18	4.44	724.	4066.	724.	24.48	1.52	21.14	1.52	3.89	.6	6.18
32	4.710	1398.28	4.01	65.	4320.	65.	17.86	.05	17.47	.05	2.20	.6	3.28
42	5.685	1373.31	2.65	1535.	2912.	1535.	15.84	2.91	9.43	2.91	1.72	.5	3.31
52	6.812	1345.17	3.99	0.	3369.	0.	13.46	.00	13.20	.00	1.51	.6	3.17
56	7.418	1328.18	2.36	1431.	2303.	1431.	12.20	2.85	4.71	2.85	.64	.5	1.18

FRDM= .77 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.6000 DTH = .0500 ITERR = 1
QU(1) = 46973.26 YU(1) = 1570.21 QU(N) = 12442.95 YU(N) = 1328.18

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1570.21	8.91	57.	5155.	57.	46.97	.36	46.10	.36	4.70	.7	5.21
12	.960	1523.06	4.69	2285.	4061.	2285.	40.49	7.65	25.08	7.65	3.74	.5	5.06
22	3.040	1450.23	4.47	785.	4127.	785.	25.45	1.71	21.71	1.71	3.94	.6	6.23
32	4.710	1398.30	4.03	74.	4365.	74.	18.18	.05	17.78	.05	2.22	.6	3.30
42	5.685	1373.32	2.65	1558.	2932.	1558.	16.06	2.97	9.54	2.97	1.73	.5	3.32
52	6.812	1345.20	4.01	0.	3424.	0.	13.73	.00	13.45	.00	1.54	.6	3.20
56	7.418	1328.18	2.38	1447.	2328.	1447.	12.44	2.90	4.80	2.90	.65	.5	1.18

FRDM= .77 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.6500 DTH = .0500 ITERR = 1
QU(1) = 49164.84 YU(1) = 1570.34 QU(N) = 12680.17 YU(N) = 1328.19

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1570.34	9.09	59.	5288.	59.	49.16	.38	48.18	.38	4.83	.7	5.34
12	.960	1523.15	4.77	2405.	4145.	2405.	42.72	8.28	25.96	8.28	3.83	.6	5.15
22	3.040	1450.29	4.49	859.	4200.	859.	26.58	1.94	22.38	1.94	4.01	.6	6.29
32	4.710	1398.33	4.04	86.	4417.	86.	18.56	.07	18.15	.07	2.24	.6	3.33
42	5.685	1373.33	2.66	1582.	2952.	1582.	16.27	3.03	9.64	3.03	1.74	.5	3.33
52	6.812	1345.22	4.02	0.	3473.	0.	13.97	.00	13.68	.00	1.56	.6	3.22
56	7.418	1328.19	2.40	1462.	2351.	1462.	12.68	2.95	4.89	2.95	.66	.5	1.19

FRDM= .77 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.7000 DTH = .0500 ITERR = 1
QU(1) = 51356.42 YU(1) = 1570.47 QU(N) = 12921.01 YU(N) = 1328.20

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.47	9.26	62.	5421.	62.	51.36	.41	50.29	.41	4.96	.7	5.47
12	.960	1523.23	4.85	2528.	4231.	2528.	45.00	8.95	26.87	8.95	3.91	.6	5.23
22	3.040	1450.36	4.51	946.	4283.	946.	27.83	2.23	23.11	2.23	4.07	.6	6.36
32	4.710	1398.35	4.06	101.	4474.	101.	18.97	.08	18.55	.08	2.27	.6	3.35
42	5.685	1373.34	2.67	1606.	2971.	1606.	16.50	3.09	9.76	3.09	1.75	.5	3.34
52	6.812	1345.24	4.03	0.	3529.	0.	14.21	.00	13.92	.00	1.58	.6	3.24
56	7.418	1328.20	2.42	1478.	2376.	1478.	12.92	3.01	4.97	3.01	.66	.5	1.20

FRDM= .77 IIFR= 11 FRM= .46 IIFM= 51

TT = 4.7500 DTH = .0500 ITERR = 1
QU(1) = 53548.00 YU(1) = 1570.60 QU(N) = 13266.09 YU(N) = 1328.21

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.60	9.42	65.	5554.	65.	53.55	.44	52.44	.44	5.10	.7	5.60
12	.960	1523.32	4.92	2651.	4317.	2651.	47.31	9.64	27.81	9.64	4.00	.6	5.32
22	3.040	1450.43	4.51	1034.	4364.	1034.	29.04	2.53	23.83	2.53	4.14	.6	6.43
32	4.710	1398.38	4.07	119.	4543.	119.	19.48	.10	19.05	.10	2.30	.6	3.38
42	5.685	1373.35	2.68	1630.	2991.	1630.	16.72	3.16	9.87	3.16	1.76	.5	3.35
52	6.812	1345.27	4.03	0.	3591.	0.	14.47	.00	14.18	.00	1.61	.6	3.27
56	7.418	1328.21	2.45	1500.	2410.	1500.	13.27	3.08	5.10	3.08	.67	.5	1.21

FRDM= .76 IIFR= 11 FRM= .47 IIFM= 51

TT = 4.8000 DTH = .0500 ITERR = 1
QU(1) = 55739.58 YU(1) = 1570.73 QU(N) = 13618.86 YU(N) = 1328.22

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.73	9.58	67.	5683.	67.	55.74	.47	54.62	.47	5.23	.7	5.73
12	.960	1523.40	4.98	2775.	4402.	2775.	49.60	10.35	28.75	10.35	4.08	.6	5.40
22	3.040	1450.49	4.52	1120.	4440.	1120.	30.20	2.83	24.53	2.83	4.21	.6	6.49
32	4.710	1398.42	4.09	146.	4632.	146.	20.13	.13	19.70	.13	2.34	.6	3.42
42	5.685	1373.36	2.68	1655.	3012.	1655.	16.95	3.22	9.99	3.22	1.77	.5	3.36
52	6.812	1345.30	4.03	0.	3662.	0.	14.76	.00	14.48	.00	1.64	.6	3.30
56	7.418	1328.22	2.48	1523.	2445.	1523.	13.62	3.16	5.23	3.16	.68	.5	1.22

FRDM= .76 IIFR= 11 FRM= .47 IIFM= 51

TT = 4.8500 DTH = .0500 ITERR = 1
QU(1) = 57931.16 YU(1) = 1570.86 QU(N) = 13907.90 YU(N) = 1328.23

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.86	9.74	69.	5809.	69.	57.93	.49	56.82	.49	5.35	.7	5.86
12	.960	1523.49	5.04	2902.	4489.	2902.	51.90	11.09	29.70	11.09	4.17	.6	5.49
22	3.040	1450.55	4.55	1201.	4510.	1201.	31.47	3.11	25.12	3.11	4.26	.6	6.55
32	4.710	1398.47	4.10	179.	4733.	179.	20.86	.18	20.43	.18	2.39	.6	3.47
42	5.685	1373.37	2.69	1682.	3034.	1682.	17.19	3.29	10.11	3.29	1.78	.5	3.37

52	6.812	1345.33	4.03	0.	3742.	0.	15.09	.00	14.83	.00	1.67	.6	3.33
56	7.418	1328.23	2.50	1542.	2474.	1542.	13.91	3.22	5.33	3.22	.69	.5	1.23

FRDM= .76 IIFR= 11 FRM= .47 IIFM= 51

TT = 4.9000 DTH = .0500 ITERR = 1
QU(1) = 60122.74 YU(1) = 1570.98 QU(N) = 14167.21 YU(N) = 1328.24

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1570.98	9.90	72.	5932.	72.	60.12	.52	59.06	.52	5.47	.7	5.98
12	.960	1523.57	5.11	3021.	4569.	3021.	54.27	11.79	30.58	11.79	4.25	.6	5.57
22	3.040	1450.60	4.59	1277.	4574.	1277.	32.71	3.39	25.70	3.39	4.32	.6	6.60
32	4.710	1398.51	4.11	214.	4830.	214.	21.63	.22	21.14	.22	2.43	.6	3.51
42	5.685	1373.38	2.69	1714.	3060.	1714.	17.45	3.37	10.24	3.37	1.79	.5	3.38
52	6.812	1345.36	4.03	0.	3819.	0.	15.39	.00	15.16	.00	1.70	.6	3.36
56	7.418	1328.24	2.52	1559.	2500.	1559.	14.17	3.27	5.43	3.27	.70	.5	1.24

FRDM= .75 IIFR= 11 FRM= .47 IIFM= 51

TT = 4.9500 DTH = .0500 ITERR = 1
QU(1) = 62314.32 YU(1) = 1571.10 QU(N) = 14435.04 YU(N) = 1328.24

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.10	10.06	74.	6045.	74.	62.31	.55	61.09	.55	5.59	.7	6.10
12	.960	1523.64	5.18	3132.	4644.	3132.	56.54	12.46	31.43	12.46	4.32	.6	5.64
22	3.040	1450.66	4.62	1354.	4637.	1354.	33.97	3.68	26.30	3.68	4.37	.6	6.66
32	4.710	1398.55	4.15	249.	4919.	249.	22.48	.27	21.76	.27	2.47	.6	3.55
42	5.685	1373.40	2.70	1756.	3094.	1756.	17.82	3.49	10.43	3.49	1.81	.5	3.40
52	6.812	1345.39	4.03	0.	3891.	0.	15.66	.00	15.46	.00	1.73	.6	3.39
56	7.418	1328.24	2.54	1577.	2527.	1577.	14.44	3.33	5.53	3.33	.71	.5	1.24

FRDM= .75 IIFR= 11 FRM= .47 IIFM= 51

TT = 5.0000 DTH = .0500 ITERR = 1
QU(1) = 64505.90 YU(1) = 1571.20 QU(N) = 14717.59 YU(N) = 1328.25

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.20	10.23	76.	6155.	76.	64.51	.58	63.10	.58	5.70	.7	6.20
12	.960	1523.72	5.25	3246.	4719.	3246.	58.84	13.16	32.29	13.16	4.40	.6	5.72
22	3.040	1450.71	4.67	1438.	4705.	1438.	35.36	4.01	27.00	4.01	4.43	.6	6.71
32	4.710	1398.59	4.19	285.	5004.	285.	23.33	.33	22.41	.33	2.51	.6	3.59
42	5.685	1373.42	2.71	1819.	3143.	1819.	18.36	3.65	10.72	3.65	1.83	.5	3.42
52	6.812	1345.42	4.02	0.	3955.	0.	15.91	.00	15.74	.00	1.75	.6	3.42
56	7.418	1328.25	2.56	1595.	2555.	1595.	14.72	3.40	5.63	3.40	.72	.5	1.25

FRDM= .75 IIFR= 11 FRM= .47 IIFM= 51

TT = 5.0500 DTH = .0500 ITERR = 1
QU(1) = 66697.48 YU(1) = 1571.31 QU(N) = 15016.37 YU(N) = 1328.26

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.31	10.39	78.	6265.	78.	66.70	.60	65.14	.60	5.81	.7	6.31

12	.960	1523.79	5.31	3360.	4795.	3360.	61.18	13.88	33.18	13.88	4.47	.6	5.79
22	3.040	1450.78	4.71	1546.	4789.	1546.	37.10	4.44	27.86	4.44	4.50	.6	6.78
32	4.710	1398.63	4.22	324.	5090.	324.	24.19	.39	23.07	.39	2.55	.6	3.63
42	5.685	1373.45	2.72	1889.	3197.	1889.	18.95	3.84	11.03	3.84	1.86	.5	3.45
52	6.812	1345.44	4.02	0.	4018.	0.	16.14	.00	16.02	.00	1.78	.6	3.44
56	7.418	1328.26	2.58	1615.	2584.	1615.	15.02	3.46	5.75	3.46	.73	.5	1.26

FRDM= .75 IIFR= 11 FRM= .47 IIFM= 51

TT = 5.1000 DTH = .0500 ITERR = 1
QU(1) = 68889.03 YU(1) = 1571.42 QU(N) = 15304.49 YU(N) = 1328.27

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.42	10.54	80.	6375.	80.	68.89	.63	67.19	.63	5.92	.7	6.42
12	.960	1523.87	5.37	3472.	4868.	3472.	63.43	14.60	34.05	14.60	4.55	.6	5.87
22	3.040	1450.86	4.74	1675.	4887.	1675.	39.08	4.97	28.85	4.97	4.58	.6	6.86
32	4.710	1398.67	4.24	367.	5178.	367.	25.07	.46	23.75	.46	2.59	.6	3.67
42	5.685	1373.48	2.73	1959.	3251.	1959.	19.55	4.04	11.35	4.04	1.89	.5	3.48
52	6.812	1345.46	4.01	0.	4081.	0.	16.37	.00	16.30	.00	1.80	.6	3.46
56	7.418	1328.27	2.60	1634.	2614.	1634.	15.30	3.53	5.86	3.53	.73	.5	1.27

FRDM= .75 IIFR= 11 FRM= .47 IIFM= 51

TT = 5.1500 DTH = .0500 ITERR = 1
QU(1) = 70097.64 YU(1) = 1571.49 QU(N) = 15578.01 YU(N) = 1328.28

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.49	10.62	82.	6439.	82.	70.10	.65	68.33	.65	5.98	.7	6.49
12	.960	1523.94	5.42	3584.	4941.	3584.	65.63	15.32	34.90	15.32	4.62	.6	5.94
22	3.040	1450.95	4.77	1815.	4989.	1815.	41.15	5.56	29.89	5.56	4.66	.6	6.95
32	4.710	1398.71	4.26	412.	5267.	412.	25.96	.54	24.45	.54	2.63	.6	3.71
42	5.685	1373.51	2.75	2045.	3315.	2045.	20.39	4.29	11.76	4.29	1.92	.5	3.51
52	6.812	1345.49	4.01	0.	4146.	0.	16.61	.00	16.59	.00	1.83	.6	3.49
56	7.418	1328.28	2.62	1652.	2640.	1652.	15.58	3.59	5.96	3.59	.74	.5	1.28

FRDM= .75 IIFR= 11 FRM= .47 IIFM= 51

TT = 5.2000 DTH = .0500 ITERR = 1
QU(1) = 71306.24 YU(1) = 1571.55 QU(N) = 15825.59 YU(N) = 1328.28

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.55	10.70	83.	6500.	83.	71.31	.66	69.48	.66	6.04	.7	6.55
12	.960	1524.01	5.47	3687.	5007.	3687.	67.72	15.99	35.70	15.99	4.69	.6	6.01
22	3.040	1451.04	4.82	1961.	5093.	1961.	43.43	6.19	30.94	6.19	4.75	.6	7.04
32	4.710	1398.76	4.28	466.	5367.	466.	26.97	.63	25.25	.63	2.68	.6	3.76
42	5.685	1373.54	2.79	2126.	3374.	2126.	21.31	4.51	12.09	4.51	1.95	.5	3.54
52	6.812	1345.51	4.01	0.	4208.	0.	16.88	.00	16.85	.00	1.85	.6	3.51
56	7.418	1328.28	2.64	1668.	2665.	1668.	15.83	3.65	6.06	3.65	.75	.5	1.28

FRDM= .75 IIFR= 11 FRM= .47 IIFM= 51

TT = 5.2500 DTH = .0500 ITERR = 1
QU(1) = 72514.85 YU(1) = 1571.61 QU(N) = 16068.56 YU(N) = 1328.29

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.61	10.78	84.	6561.	84.	72.51	.68	70.64	.68	6.10	.7	6.61
12	.960	1524.06	5.52	3768.	5060.	3768.	69.52	16.51	36.29	16.51	4.74	.6	6.06
22	3.040	1451.12	4.88	2112.	5196.	2112.	45.95	6.85	31.96	6.85	4.83	.6	7.12
32	4.710	1398.81	4.30	537.	5489.	537.	28.25	.77	26.29	.77	2.73	.7	3.81
42	5.685	1373.56	2.83	2194.	3423.	2194.	22.08	4.70	12.37	4.70	1.97	.5	3.56
52	6.812	1345.53	4.02	0.	4267.	0.	17.17	.00	17.09	.00	1.87	.6	3.53
56	7.418	1328.29	2.65	1684.	2689.	1684.	16.07	3.70	6.15	3.70	.76	.5	1.29

FRDM= .75 IIFR= 11 FRM= .48 IIFM= 51

TT = 5.3000 DTH = .0500 ITERR = 1
QU(1) = 73723.45 YU(1) = 1571.67 QU(N) = 16307.01 YU(N) = 1328.30

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.67	10.85	85.	6622.	85.	73.72	.70	71.81	.70	6.16	.7	6.67
12	-.960	1524.10	5.55	3829.	5099.	3829.	70.86	16.90	36.72	16.90	4.78	.6	6.10
22	3.040	1451.21	4.93	2273.	5303.	2273.	48.59	7.58	33.05	7.58	4.92	.6	7.21
32	4.710	1398.88	4.32	626.	5631.	626.	29.70	.94	27.48	.94	2.80	.7	3.88
42	5.685	1373.59	2.86	2262.	3470.	2262.	22.84	4.89	12.66	4.89	2.00	.5	3.59
52	6.812	1345.56	4.04	0.	4329.	0.	17.49	.00	17.36	.00	1.89	.6	3.56
56	7.418	1328.30	2.67	1700.	2713.	1700.	16.31	3.76	6.25	3.76	.76	.5	1.30

FRDM= .75 IIFR= 11 FRM= .48 IIFM= 51

TT = 5.3500 DTH = .0500 ITERR = 1
QU(1) = 74932.05 YU(1) = 1571.73 QU(N) = 16564.93 YU(N) = 1328.31

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.73	10.93	87.	6683.	87.	74.93	.71	72.98	.71	6.22	.8	6.73
12	.960	1524.13	5.59	3883.	5133.	3883.	72.06	17.26	37.12	17.26	4.81	.6	6.13
22	3.040	1451.30	4.99	2446.	5414.	2446.	51.39	8.39	34.24	8.39	5.02	.6	7.30
32	4.710	1398.94	4.31	724.	5777.	724.	31.17	1.15	28.69	1.15	2.86	.6	3.94
42	5.685	1373.61	2.89	2330.	3518.	2330.	23.61	5.09	12.95	5.09	2.02	.5	3.61
52	6.812	1345.58	4.06	0.	4404.	0.	17.86	.00	17.69	.00	1.92	.6	3.58
56	7.418	1328.31	2.68	1717.	2739.	1717.	16.56	3.82	6.35	3.82	.77	.5	1.31

FRDM= .75 IIFR= 1 FRM= .49 IIFM= 51

TT = 5.4000 DTH = .0500 ITERR = 1
QU(1) = 76140.66 YU(1) = 1571.79 QU(N) = 16844.17 YU(N) = 1328.31

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.79	11.01	88.	6741.	88.	76.14	.73	74.15	.73	6.28	.8	6.79
12	.960	1524.17	5.62	3936.	5167.	3936.	73.27	17.61	37.53	17.61	4.85	.6	6.17
22	3.040	1451.39	5.02	2620.	5522.	2620.	54.06	9.21	35.37	9.21	5.11	.6	7.39
32	4.710	1399.01	4.31	829.	5922.	829.	32.69	1.37	29.90	1.37	2.93	.6	4.01
42	5.685	1373.63	2.91	2402.	3567.	2402.	24.39	5.30	13.24	5.30	2.04	.5	3.63
52	6.812	1345.61	4.07	0.	4493.	0.	18.30	.00	18.08	.00	1.95	.6	3.61
56	7.418	1328.31	2.70	1736.	2766.	1736.	16.84	3.88	6.46	3.88	.78	.5	1.31

FRDM= .75 IIFR= 1 FRM= .50 IIFM= 51

TT = 5.4500 DTH = .0500 ITERR = 1
QU(1) = 77349.27 YU(1) = 1571.85 QU(N) = 17136.61 YU(N) = 1328.32

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.85	11.09	89.	6798.	89.	77.35	.74	75.34	.74	6.34	.8	6.85
12	.960	1524.20	5.65	3990.	5201.	3990.	74.51	17.98	37.95	17.98	4.88	.6	6.20
22	3.040	1451.48	5.05	2786.	5623.	2786.	56.56	10.02	36.45	10.02	5.19	.6	7.48
32	4.710	1399.07	4.35	929.	6053.	929.	34.41	1.59	30.96	1.59	2.99	.6	4.07
42	5.685	1373.66	2.94	2476.	3618.	2476.	25.21	5.52	13.55	5.52	2.07	.5	3.66
52	6.812	1345.65	4.09	0.	4595.	0.	18.80	.00	18.54	.00	1.99	.6	3.65
56	7.418	1328.32	2.72	1755.	2795.	1755.	17.14	3.95	6.57	3.95	.79	.5	1.32

FRDM= .75 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.5000 DTH = .0500 ITERR = 1
QU(1) = 78557.88 YU(1) = 1571.91 QU(N) = 17458.53 YU(N) = 1328.33

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.91	11.17	90.	6855.	90.	78.56	.76	76.53	.76	6.40	.8	6.91
12	.960	1524.24	5.68	4045.	5236.	4045.	75.74	18.35	38.37	18.35	4.92	.6	6.24
22	3.040	1451.55	5.10	2942.	5715.	2942.	59.20	10.79	37.45	10.79	5.27	.6	7.55
32	4.710	1399.12	4.38	1025.	6171.	1025.	36.03	1.82	31.98	1.82	3.04	.7	4.12
42	5.685	1373.69	2.97	2558.	3672.	2558.	26.08	5.76	13.89	5.76	2.10	.5	3.69
52	6.812	1345.69	4.11	0.	4710.	0.	19.35	.00	19.05	.00	2.03	.6	3.69
56	7.418	1328.33	2.74	1776.	2826.	1776.	17.46	4.03	6.70	4.03	.80	.5	1.33

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.5500 DTH = .0500 ITERR = 1
QU(1) = 79766.48 YU(1) = 1571.96 QU(N) = 17826.11 YU(N) = 1328.34

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.96	11.24	91.	6913.	91.	79.77	.78	77.72	.78	6.45	.8	6.96
12	.960	1524.27	5.71	4099.	5270.	4099.	76.96	18.72	38.78	18.72	4.95	.6	6.27
22	3.040	1451.62	5.16	3087.	5798.	3087.	61.75	11.53	38.38	11.53	5.34	.6	7.62
32	4.710	1399.18	4.41	1126.	6290.	1126.	37.69	2.06	33.05	2.06	3.09	.7	4.18
42	5.685	1373.72	3.00	2650.	3732.	2650.	27.07	6.04	14.28	6.04	2.13	.5	3.72
52	6.812	1345.73	4.12	0.	4843.	0.	19.97	.00	19.65	.00	2.07	.6	3.73
56	7.418	1328.34	2.76	1800.	2863.	1800.	17.83	4.12	6.85	4.12	.81	.5	1.34

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.6000 DTH = .0500 ITERR = 1
QU(1) = 80975.05 YU(1) = 1572.02 QU(N) = 18245.44 YU(N) = 1328.35

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1572.02	11.32	92.	6970.	92.	80.98	.79	78.92	.79	6.51	.8	7.02
12	.960	1524.30	5.74	4154.	5305.	4154.	78.18	19.10	39.20	19.10	4.98	.6	6.30
22	3.040	1451.69	5.20	3230.	5879.	3230.	64.17	12.26	39.25	12.26	5.40	.6	7.69
32	4.710	1399.24	4.45	1256.	6435.	1256.	39.77	2.39	34.42	2.39	3.16	.7	4.24
42	5.685	1373.75	3.03	2764.	3805.	2764.	28.26	6.39	14.76	6.39	2.16	.5	3.75

52	6.812	1345.78	4.14	0.	5001.	0.	20.70	.00	20.39	.00	2.12	.6	3.78
56	7.418	1328.35	2.78	1828.	2903.	1828.	18.25	4.22	7.02	4.22	.82	.5	1.35

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.6500 DTH = .0500 ITERR = 1
QU(1) = 81772.55 YU(1) = 1572.06 QU(N) = 18717.87 YU(N) = 1328.37

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1572.06	11.37	93.	7008.	93.	81.77	.80	79.72	.80	6.55	.8	7.06
12	.960	1524.34	5.77	4208.	5339.	4208.	79.39	19.47	39.61	19.47	5.02	.6	6.34
22	3.040	1451.76	5.24	3370.	5957.	3370.	66.54	12.99	40.12	12.99	5.47	.6	7.76
32	4.710	1399.33	4.48	1438.	6627.	1438.	42.58	2.88	36.30	2.88	3.25	.7	4.33
42	5.685	1373.80	3.07	2912.	3898.	2912.	29.83	6.87	15.39	6.87	2.21	.5	3.80
52	6.812	1345.84	4.14	0.	5162.	0.	21.40	.00	21.12	.00	2.17	.6	3.84
56	7.418	1328.37	2.81	1859.	2949.	1859.	18.72	4.34	7.22	4.34	.83	.5	1.37

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.7000 DTH = .0500 ITERR = 1
QU(1) = 82569.96 YU(1) = 1572.10 QU(N) = 19251.08 YU(N) = 1328.38

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1572.10	11.42	94.	7045.	94.	82.57	.82	80.52	.82	6.59	.8	7.10
12	.960	1524.37	5.80	4260.	5371.	4260.	80.53	19.83	40.00	19.83	5.05	.6	6.37
22	3.040	1451.81	5.27	3494.	6024.	3494.	68.56	13.64	40.86	13.64	5.53	.6	7.81
32	4.710	1399.43	4.49	1663.	6847.	1663.	45.71	3.50	38.43	3.50	3.35	.5	4.43
42	5.685	1373.86	3.11	3109.	4017.	3109.	31.84	7.51	16.23	7.51	2.27	.5	3.86
52	6.812	1345.89	4.15	0.	5325.	0.	22.08	.00	21.86	.00	2.22	.6	3.89
56	7.418	1328.38	2.84	1894.	3001.	1894.	19.25	4.47	7.44	4.47	.85	.5	1.38

FRDM= .76 IIFR= 1 FRM= .51 IIFM= 42

TT = 5.7500 DTH = .0500 ITERR = 1
QU(1) = 82021.83 YU(1) = 1572.07 QU(N) = 19844.00 YU(N) = 1328.40

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1572.07	11.38	93.	7023.	93.	82.02	.81	79.97	.81	6.56	.8	7.07
12	.960	1524.40	5.82	4304.	5398.	4304.	81.47	20.13	40.33	20.13	5.08	.6	6.40
22	3.040	1451.86	5.29	3602.	6082.	3602.	70.23	14.20	41.47	14.20	5.57	.6	7.86
32	4.710	1399.53	4.50	1894.	7059.	1894.	48.82	4.16	40.36	4.16	3.44	.5	4.53
42	5.685	1373.92	3.14	3334.	4150.	3334.	34.01	8.25	17.14	8.25	2.34	.5	3.92
52	6.812	1345.94	4.15	0.	5512.	0.	22.88	.00	22.76	.00	2.28	.6	3.94
56	7.418	1328.40	2.87	1933.	3058.	1933.	19.84	4.62	7.69	4.62	.86	.5	1.40

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.8000 DTH = .0500 ITERR = 1
QU(1) = 81473.70 YU(1) = 1572.05 QU(N) = 20486.98 YU(N) = 1328.42

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1572.05	11.34	93.	6996.	93.	81.47	.80	79.42	.80	6.54	.8	7.05

12	.960	1524.42	5.83	4331.	5415.	4331.	82.05	20.31	40.52	20.31	5.09	.6	6.42
22	3.040	1451.90	5.30	3698.	6132.	3698.	71.72	14.71	42.03	14.71	5.62	.6	7.90
32	4.710	1399.61	4.54	2096.	7234.	2096.	51.88	4.75	41.94	4.75	3.52	.6	4.61
42	5.685	1373.99	3.16	3552.	4273.	3552.	36.00	8.97	17.98	8.97	2.40	.5	3.99
52	6.812	1346.01	4.17	0.	5729.	0.	23.88	.00	23.85	.00	2.35	.6	4.01
56	7.418	1328.42	2.90	1975.	3121.	1975.	20.49	4.78	7.96	4.78	.88	.5	1.42

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.8500 DTH = .0500 ITERR = 1
QU(1) = 80925.58 YU(1) = 1572.02 QU(N) = 21159.94 YU(N) = 1328.44

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1572.02	11.31	92.	6970.	92.	80.93	.79	78.88	.79	6.51	.8	7.02
12	.960	1524.42	5.83	4336.	5418.	4336.	82.10	20.33	40.53	20.33	5.10	.6	6.42
22	3.040	1451.94	5.32	3784.	6178.	3784.	73.11	15.19	42.56	15.19	5.65	.6	7.94
32	4.710	1399.67	4.58	2273.	7379.	2273.	54.59	5.29	43.40	5.29	3.59	.6	4.67
42	5.685	1374.04	3.22	3746.	4381.	3746.	38.26	9.67	18.70	9.67	2.45	.5	4.04
52	6.812	1346.06	4.25	4.	5899.	4.	25.10	.00	24.91	.00	2.40	.6	4.06
56	7.418	1328.44	2.93	2020.	3186.	2020.	21.16	4.96	8.25	4.96	.90	.5	1.44

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 42

TT = 5.9000 DTH = .0500 ITERR = 1
QU(1) = 80377.45 YU(1) = 1571.99 QU(N) = 21911.75 YU(N) = 1328.46

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.99	11.28	92.	6944.	92.	80.38	.79	78.33	.79	6.49	.8	6.99
12	.960	1524.41	5.82	4320.	5408.	4320.	81.69	20.21	40.38	20.21	5.09	.6	6.41
22	3.040	1451.97	5.33	3866.	6220.	3866.	74.43	15.64	43.06	15.64	5.69	.6	7.97
32	4.710	1399.74	4.61	2462.	7529.	2462.	57.38	5.89	44.92	5.89	3.66	.6	4.74
42	5.685	1374.09	3.29	3920.	4476.	3920.	40.53	10.36	19.38	10.36	2.50	.5	4.09
52	6.812	1346.10	4.32	11.	6040.	11.	26.20	.00	25.89	.00	2.44	.6	4.10
56	7.418	1328.46	2.96	2070.	3258.	2070.	21.91	5.15	8.58	5.15	.92	.5	1.46

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 55

TT = 5.9500 DTH = .0500 ITERR = 1
QU(1) = 79829.32 YU(1) = 1571.97 QU(N) = 23004.41 YU(N) = 1328.49

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.97	11.24	91.	6919.	91.	79.83	.78	77.79	.78	6.46	.8	6.97
12	.960	1524.39	5.80	4294.	5392.	4294.	81.10	20.02	40.18	20.02	5.07	.6	6.39
22	3.040	1452.01	5.35	3944.	6260.	3944.	75.72	16.08	43.54	16.08	5.72	.6	8.01
32	4.710	1399.81	4.64	2676.	7692.	2676.	60.50	6.60	46.66	6.60	3.73	.6	4.81
42	5.685	1374.14	3.36	4114.	4581.	4114.	43.01	11.14	20.14	11.14	2.55	.5	4.14
52	6.812	1346.15	4.38	24.	6194.	24.	27.36	.01	26.94	.01	2.48	.6	4.15
56	7.418	1328.49	3.01	2143.	3363.	2143.	23.00	5.45	9.07	5.45	.95	.5	1.49

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 55

TT = 6.0000 DTH = .0500 ITERR = 1
QU(1) = 79281.20 YU(1) = 1571.94 QU(N) = 24489.74 YU(N) = 1328.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.94	11.21	91.	6893.	91.	79.28	.77	77.24	.77	6.43	.8	6.94
12	.960	1524.38	5.79	4269.	5376.	4269.	80.54	19.85	39.98	19.85	5.06	.6	6.38
22	3.040	1452.04	5.37	4018.	6297.	4018.	77.04	16.48	43.95	16.48	5.75	.6	8.04
32	4.710	1399.89	4.65	2895.	7853.	2895.	63.48	7.34	48.32	7.34	3.81	.6	4.89
42	5.685	1374.20	3.43	4346.	4705.	4346.	46.02	12.12	21.09	12.12	2.61	.5	4.20
52	6.812	1346.19	4.45	42.	6359.	42.	28.69	.03	28.18	.03	2.53	.6	4.19
56	7.418	1328.53	3.06	2245.	3509.	2245.	24.49	5.86	9.75	5.86	1.00	.5	1.53

FRDM= .76 IIFR= 1 FRM= .50 IIFM= 55

TT = 6.0500 DTH = .0500 ITERR = 1
QU(1) = 78733.07 YU(1) = 1571.92 QU(N) = 25862.35 YU(N) = 1328.57

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.92	11.17	90.	6867.	90.	78.73	.76	76.70	.76	6.41	.8	6.92
12	.960	1524.36	5.78	4245.	5361.	4245.	80.00	19.68	39.79	19.68	5.04	.6	6.36
22	3.040	1452.07	5.40	4087.	6332.	4087.	78.29	16.86	44.35	16.86	5.78	.6	8.07
32	4.710	1399.95	4.66	3095.	7994.	3095.	66.05	8.02	49.77	8.02	3.87	.6	4.95
42	5.685	1374.27	3.51	4618.	4849.	4618.	49.45	13.27	22.18	13.27	2.69	.5	4.27
52	6.812	1346.25	4.52	69.	6541.	69.	30.17	.05	29.57	.05	2.58	.7	4.25
56	7.418	1328.57	3.10	2343.	3648.	2343.	25.86	6.25	10.40	6.25	1.04	.5	1.57

FRDM= .76 IIFR= 1 FRM= .51 IIFM= 55

TT = 6.1000 DTH = .0500 ITERR = 1
QU(1) = 78184.81 YU(1) = 1571.89 QU(N) = 27057.68 YU(N) = 1328.61

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.89	11.14	90.	6841.	90.	78.18	.76	76.16	.76	6.38	.8	6.89
12	.960	1524.35	5.76	4220.	5346.	4220.	79.45	19.50	39.60	19.50	5.03	.6	6.35
22	3.040	1452.09	5.41	4150.	6363.	4150.	79.40	17.21	44.70	17.21	5.81	.6	8.09
32	4.710	1400.01	4.66	3273.	8115.	3273.	68.30	8.64	50.97	8.64	3.92	.6	5.01
42	5.685	1374.35	3.58	4915.	5002.	4915.	53.13	14.57	23.38	14.57	2.76	.5	4.35
52	6.812	1346.32	4.58	112.	6772.	112.	32.04	.10	31.37	.10	2.65	.7	4.32
56	7.418	1328.61	3.13	2431.	3771.	2431.	27.06	6.60	10.98	6.60	1.07	.5	1.61

FRDM= .76 IIFR= 1 FRM= .51 IIFM= 42

TT = 6.1500 DTH = .0500 ITERR = 1
QU(1) = 76374.64 YU(1) = 1571.81 QU(N) = 28320.04 YU(N) = 1328.65

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1571.81	11.02	88.	6757.	88.	76.37	.73	74.38	.73	6.30	.8	6.81
12	.960	1524.33	5.75	4194.	5329.	4194.	78.86	19.32	39.40	19.32	5.01	.6	6.33
22	3.040	1452.12	5.43	4204.	6390.	4204.	80.33	17.50	44.99	17.50	5.83	.6	8.12
32	4.710	1400.05	4.68	3412.	8209.	3412.	70.42	9.19	51.80	9.19	3.97	.6	5.05
42	5.685	1374.42	3.64	5203.	5149.	5203.	56.58	15.85	24.52	15.85	2.84	.5	4.42
52	6.812	1346.39	4.62	173.	7033.	173.	34.12	.17	33.42	.17	2.73	.7	4.39
56	7.418	1328.65	3.17	2523.	3899.	2523.	28.32	6.98	11.60	6.98	1.11	.5	-1.65

FRDM= .75 IIFR= 11 FRM= .51 IIFM= 42

TT = 6.2000 DTH = .0500 ITERR = 1
QU(1) = 74564.47 YU(1) = 1571.72 QU(N) = 29734.79 YU(N) = 1328.69

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1571.72	10.90	86.	6670.	86.	74.56	.71	72.62	.71	6.21	.7	6.72
12	.960	1524.31	5.73	4159.	5308.	4159.	78.08	19.08	39.13	19.08	4.99	.6	6.31
22	3.040	1452.13	5.44	4242.	6409.	4242.	80.99	17.72	45.20	17.72	5.85	.6	8.13
32	4.710	1400.08	4.71	3515.	8278.	3515.	72.08	9.61	52.48	9.61	4.00	.6	5.08
42	5.685	1374.49	3.68	5458.	5278.	5458.	59.53	16.98	25.50	16.98	2.90	.5	4.49
52	6.812	1346.48	4.65	258.	7329.	258.	36.48	.29	35.81	.29	2.82	.7	4.48
56	7.418	1328.69	3.20	2626.	4041.	2626.	29.73	7.42	12.32	7.42	1.15	.5	1.69

FRDM= .75 IIFR= 11 FRM= .51 IIFM= 42

TT = 6.2500 DTH = .0500 ITERR = 1
QU(1) = 72754.29 YU(1) = 1571.63 QU(N) = 31369.86 YU(N) = 1328.74

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1571.63	10.78	85.	6581.	85.	72.75	.68	70.87	.68	6.12	.7	6.63
12	.960	1524.28	5.70	4108.	5276.	4108.	76.88	18.72	38.71	18.72	4.96	.6	6.28
22	3.040	1452.14	5.44	4262.	6419.	4262.	81.33	17.83	45.31	17.83	5.85	.6	8.14
32	4.710	1400.11	4.73	3602.	8336.	3602.	73.51	9.98	53.08	9.98	4.02	.6	5.11
42	5.685	1374.54	3.74	5679.	5387.	5679.	62.56	17.99	26.36	17.99	2.95	.5	4.54
52	6.812	1346.57	4.71	361.	7625.	361.	39.35	.45	38.12	.45	2.90	.7	4.57
56	7.418	1328.74	3.23	2747.	4206.	2747.	31.37	7.94	13.17	7.94	1.20	.5	1.74

FRDM= .75 IIFR= 11 FRM= .51 IIFM= 42

TT = 6.3000 DTH = .0500 ITERR = 1
QU(1) = 70944.12 YU(1) = 1571.54 QU(N) = 33293.31 YU(N) = 1328.79

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1571.54	10.66	83.	6489.	83.	70.94	.66	69.14	.66	6.03	.7	6.54
12	.960	1524.23	5.66	4036.	5230.	4036.	75.23	18.22	38.14	18.22	4.91	.6	6.23
22	3.040	1452.14	5.44	4266.	6421.	4266.	81.35	17.84	45.30	17.84	5.86	.6	8.14
32	4.710	1400.13	4.75	3685.	8391.	3685.	74.86	10.34	53.66	10.34	4.05	.6	5.13
42	5.685	1374.59	3.79	5866.	5479.	5866.	65.23	18.85	27.09	18.85	3.00	.5	4.59
52	6.812	1346.65	4.77	472.	7901.	472.	42.22	.65	40.34	.65	2.99	.7	4.65
56	7.418	1328.79	3.27	2890.	4398.	2890.	33.29	8.57	14.19	8.57	1.26	.5	1.79

FRDM= .75 IIFR= 11 FRM= .51 IIFM= 42

TT = 6.3500 DTH = .0500 ITERR = 1
QU(1) = 69133.95 YU(1) = 1571.45 QU(N) = 35566.90 YU(N) = 1328.86

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1571.45	10.54	81.	6397.	81.	69.13	.64	67.42	.64	5.94	.7	6.45
12	.960	1524.18	5.61	3956.	5180.	3956.	73.41	17.67	37.52	17.67	4.86	.6	6.18
22	3.040	1452.14	5.44	4255.	6415.	4255.	81.14	17.77	45.23	17.77	5.85	.6	8.14
32	4.710	1400.16	4.77	3764.	8443.	3764.	76.14	10.68	54.21	10.68	4.07	.6	5.16
42	5.685	1374.63	3.83	6035.	5562.	6035.	67.61	19.65	27.76	19.65	3.04	.5	4.63

52	6.812	1346.73	4.81	597.	8177.	597.	45.08	.88	42.60	.88	3.07	.7	4.73
56	7.418	1328.86	3.31	3061.	4626.	3061.	35.57	9.34	15.45	9.34	1.33	.5	1.86

FRDM= .75 IIFR= 11 FRM= .51 IIFM= 42

TT = 6.4000 DTH = .0500 ITERR = 1
QU(1) = 67323.71 YU(1) = 1571.35 QU(N) = 38187.25 YU(N) = 1328.94

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.35	10.42	79.	6304.	79.	67.32	.61	65.71	.61	5.85	.7	6.35
12	.960	1524.13	5.56	3876.	5129.	3876.	71.62	17.14	36.92	17.14	4.81	.6	6.13
22	3.040	1452.13	5.43	4236.	6406.	4236.	80.78	17.66	45.11	17.66	5.84	.6	8.13
32	4.710	1400.18	4.78	3838.	8492.	3838.	77.35	11.00	54.73	11.00	4.10	.6	5.18
42	5.685	1374.67	3.88	6193.	5638.	6193.	69.85	20.40	28.39	20.40	3.08	.5	4.67
52	6.812	1346.82	4.83	764.	8502.	764.	48.44	1.22	45.33	1.22	3.16	.7	4.82
56	7.418	1328.94	3.35	3260.	4888.	3260.	38.19	10.28	16.94	10.28	1.40	.5	1.94

FRDM= .75 IIFR= 11 FRM= .51 IIFM= 56

TT = 6.4500 DTH = .0500 ITERR = 1
QU(1) = 65018.54 YU(1) = 1571.24 QU(N) = 41308.45 YU(N) = 1329.02

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.24	10.25	77.	6189.	77.	65.02	.58	63.57	.58	5.73	.7	6.24
12	.960	1524.08	5.51	3801.	5081.	3801.	69.87	16.63	36.33	16.63	4.76	.6	6.08
22	3.040	1452.12	5.42	4211.	6394.	4211.	80.31	17.51	44.95	17.51	5.83	.6	8.12
32	4.710	1400.20	4.80	3908.	8538.	3908.	78.47	11.31	55.21	11.31	4.12	.6	5.20
42	5.685	1374.70	3.91	6335.	5706.	6335.	71.83	21.09	28.96	21.09	3.11	.5	4.70
52	6.812	1346.93	4.82	969.	8856.	969.	51.97	1.67	48.26	1.67	3.27	.7	4.93
56	7.418	1329.02	3.41	3471.	5159.	3471.	41.31	11.29	18.55	11.29	1.48	.5	2.02

FRDM= .75 IIFR= 11 FRM= .51 IIFM= 56

TT = 6.5000 DTH = .0500 ITERR = 1
QU(1) = 62713.36 YU(1) = 1571.12 QU(N) = 44924.30 YU(N) = 1329.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.12	10.08	75.	6072.	75.	62.71	.56	61.44	.56	5.61	.7	6.12
12	.960	1524.03	5.45	3721.	5030.	3721.	67.99	16.10	35.69	16.10	4.71	.6	6.03
22	3.040	1452.11	5.41	4181.	6379.	4181.	79.76	17.34	44.77	17.34	5.82	.6	8.11
32	4.710	1400.22	4.81	3968.	8577.	3968.	79.42	11.57	55.61	11.57	4.13	.6	5.22
42	5.685	1374.73	3.94	6460.	5766.	6460.	73.55	21.69	29.45	21.69	3.14	.5	4.73
52	6.812	1347.03	4.81	1189.	9195.	1189.	55.71	2.18	51.16	2.18	3.37	.7	5.03
56	7.418	1329.08	3.55	3643.	5377.	3643.	44.92	12.12	19.86	12.12	1.55	.5	2.08

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.5500 DTH = .0500 ITERR = 1
QU(1) = 60408.19 YU(1) = 1571.01 QU(N) = 48313.56 YU(N) = 1329.14

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1571.01	9.90	72.	5956.	72.	60.41	.53	59.35	.53	5.50	.7	6.01

12	.960	1523.97	5.39	3632.	4972.	3632.	66.00	15.49	34.96	15.49	4.65	.5	5.97
22	3.040	1452.09	5.40	4146.	6361.	4146.	79.11	17.14	44.55	17.14	5.81	.6	8.09
32	4.710	1400.23	4.82	4016.	8608.	4016.	80.16	11.78	55.93	11.78	4.15	.6	5.23
42	5.685	1374.76	3.96	6571.	5818.	6571.	75.03	22.22	29.88	22.22	3.17	.5	4.76
52	6.812	1347.11	4.84	1400.	9488.	1400.	59.51	2.66	53.53	2.66	3.45	.7	5.11
56	7.418	1329.14	3.67	3802.	5577.	3802.	48.31	12.92	21.12	12.92	1.61	.5	2.14

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.6000 DTH = .0500 ITERR = 1
QU(1) = 58103.01 YU(1) = 1570.88 QU(N) = 51958.45 YU(N) = 1329.20

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1570.88	9.74	70.	5828.	70.	58.10	.50	57.00	.50	5.37	.7	5.88
12	.960	1523.91	5.34	3530.	4906.	3530.	63.88	14.81	34.12	14.81	4.59	.5	5.91
22	3.040	1452.08	5.38	4104.	6340.	4104.	78.31	16.90	44.29	16.90	5.79	.6	8.08
32	4.710	1400.24	4.82	4049.	8630.	4049.	80.66	11.93	56.14	11.93	4.16	.6	5.24
42	5.685	1374.78	3.98	6667.	5864.	6667.	76.34	22.69	30.25	22.69	3.19	.5	4.78
52	6.812	1347.19	4.86	1590.	9731.	1590.	62.71	3.12	55.60	3.12	3.52	.7	5.19
56	7.418	1329.20	3.79	3971.	5786.	3971.	51.96	13.82	22.52	13.82	1.67	.5	2.20

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.6500 DTH = .0500 ITERR = 1
QU(1) = 55797.84 YU(1) = 1570.75 QU(N) = 55609.94 YU(N) = 1329.26

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1570.75	9.57	67.	5697.	67.	55.80	.47	54.68	.47	5.24	.7	5.75
12	.960	1523.83	5.28	3417.	4832.	3417.	61.59	14.08	33.23	14.08	4.51	.5	5.83
22	3.040	1452.05	5.36	4052.	6315.	4052.	77.35	16.60	43.97	16.60	5.77	.6	8.05
32	4.710	1400.25	4.82	4067.	8641.	4067.	80.91	12.00	56.24	12.00	4.16	.6	5.25
42	5.685	1374.80	3.99	6753.	5904.	6753.	77.51	23.11	30.60	23.11	3.21	.5	4.80
52	6.812	1347.25	4.85	1768.	9944.	1768.	65.45	3.56	57.39	3.56	3.59	.7	5.25
56	7.418	1329.26	3.90	4141.	5994.	4141.	55.61	14.74	23.95	14.74	1.73	.5	2.26

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.7000 DTH = .0500 ITERR = 1
QU(1) = 53492.66 YU(1) = 1570.61 QU(N) = 59005.23 YU(N) = 1329.32

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1570.61	9.39	65.	5565.	65.	53.49	.44	52.38	.44	5.11	.7	5.61
12	.960	1523.76	5.22	3302.	4756.	3302.	59.34	13.37	32.37	13.37	4.44	.5	5.76
22	3.040	1452.03	5.34	3990.	6283.	3990.	76.16	16.24	43.58	16.24	5.74	.6	8.03
32	4.710	1400.25	4.82	4071.	8644.	4071.	80.93	12.01	56.24	12.01	4.16	.6	5.25
42	5.685	1374.82	4.01	6830.	5940.	6830.	78.58	23.50	30.91	23.50	3.23	.5	4.82
52	6.812	1347.30	4.85	1934.	10131.	1934.	67.86	3.98	58.99	3.98	3.64	.7	5.30
56	7.418	1329.32	3.99	4301.	6187.	4301.	59.01	15.62	25.32	15.62	1.79	.6	2.32

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.7500 DTH = .0500 ITERR = 1
QU(1) = 51187.49 YU(1) = 1570.48 QU(N) = 62025.43 YU(N) = 1329.37

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.48	9.22	62.	5426.	62.	51.19	.41	50.12	.41	4.97	.7	5.48
12	.960	1523.68	5.17	3192.	4683.	3192.	57.18	12.70	31.57	12.70	4.36	.5	5.68
22	3.040	1452.00	5.31	3914.	6245.	3914.	74.77	15.82	43.11	15.82	5.71	.6	8.00
32	4.710	1400.24	4.82	4061.	8637.	4061.	80.75	11.96	56.15	11.96	4.16	.6	5.24
42	5.685	1374.84	4.02	6894.	5970.	6894.	79.45	23.82	31.17	23.82	3.25	.5	4.84
52	6.812	1347.36	4.84	2101.	10311.	2101.	70.25	4.43	60.62	4.43	3.69	.7	5.36
56	7.418	1329.37	4.07	4445.	6360.	4445.	62.03	16.42	26.55	16.42	1.84	.6	2.37

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.8000 DTH = .0500 ITERR = 1
QU(1) = 48882.31 YU(1) = 1570.33 QU(N) = 64859.40 YU(N) = 1329.42

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.33	9.05	59.	5285.	59.	48.88	.38	47.90	.38	4.83	.7	5.33
12	.960	1523.61	5.11	3081.	4610.	3081.	55.00	12.04	30.76	12.04	4.29	.5	5.61
22	3.040	1451.96	5.29	3827.	6199.	3827.	73.32	15.32	42.55	15.32	5.67	.6	7.96
32	4.710	1400.24	4.81	4041.	8624.	4041.	80.41	11.87	56.00	11.87	4.16	.6	5.24
42	5.685	1374.85	4.03	6944.	5994.	6944.	80.09	24.06	31.35	24.06	3.26	.5	4.85
52	6.812	1347.40	4.84	2247.	10462.	2247.	72.33	4.83	62.07	4.83	3.74	.7	5.40
56	7.418	1329.42	4.13	4583.	6524.	4583.	64.86	17.19	27.73	17.19	1.88	.6	2.42

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.8500 DTH = .0500 ITERR = 1
QU(1) = 46577.14 YU(1) = 1570.19 QU(N) = 67618.43 YU(N) = 1329.47

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.19	8.86	57.	5143.	57.	46.58	.35	45.72	.35	4.69	.7	5.19
12	.960	1523.54	5.04	2971.	4535.	2971.	52.80	11.39	29.95	11.39	4.22	.5	5.54
22	3.040	1451.92	5.27	3729.	6149.	3729.	71.74	14.78	41.93	14.78	5.63	.6	7.92
32	4.710	1400.23	4.81	4012.	8606.	4012.	79.93	11.74	55.78	11.74	4.15	.6	5.23
42	5.685	1374.85	4.03	6979.	6010.	6979.	80.50	24.22	31.47	24.22	3.27	.5	4.85
52	6.812	1347.43	4.84	2362.	10578.	2362.	74.00	5.15	63.25	5.15	3.77	.7	5.43
56	7.418	1329.47	4.19	4719.	6683.	4719.	67.62	17.96	28.89	17.96	1.93	.6	2.47

FRDM= .75 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.9000 DTH = .0500 ITERR = 1
QU(1) = 44271.96 YU(1) = 1570.05 QU(N) = 70090.23 YU(N) = 1329.51

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1570.05	8.66	54.	5003.	54.	44.27	.33	43.57	.33	4.55	.7	5.05
12	.960	1523.46	4.97	2859.	4460.	2859.	50.62	10.73	29.08	10.73	4.14	.5	5.46
22	3.040	1451.87	5.25	3624.	6094.	3624.	70.02	14.21	41.27	14.21	5.58	.6	7.87
32	4.710	1400.22	4.80	3976.	8582.	3976.	79.32	11.57	55.51	11.57	4.14	.6	5.22
42	5.685	1374.86	4.03	6997.	6018.	6997.	80.71	24.30	31.53	24.30	3.27	.5	4.86
52	6.812	1347.46	4.84	2463.	10676.	2463.	75.45	5.45	64.29	5.45	3.80	.7	5.46
56	7.418	1329.51	4.25	4842.	6827.	4842.	70.09	18.66	29.95	18.66	1.97	.6	2.51

FRDM= .76 IIFR= 11 FRM= .52 IIFM= 42

TT = 6.9500 DTH = .0500 ITERR = 1
QU(1) = 41966.79 YU(1) = 1569.91 QU(N) = 72122.24 YU(N) = 1329.54

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1569.91	8.46	51.	4856.	51.	41.97	.30	41.28	.30	4.40	.7	4.91
12	.960	1523.38	4.91	2746.	4382.	2746.	48.45	10.05	28.17	10.05	4.06	.5	5.38
22	3.040	1451.82	5.22	3512.	6033.	3512.	68.19	13.61	40.58	13.61	5.53	.6	7.82
32	4.710	1400.21	4.79	3931.	8553.	3931.	78.57	11.37	55.18	11.37	4.12	.6	5.21
42	5.685	1374.86	4.03	6998.	6019.	6998.	80.69	24.29	31.52	24.29	3.27	.5	4.86
52	6.812	1347.49	4.83	2553.	10762.	2553.	76.70	5.71	65.19	5.71	3.83	.7	5.49
56	7.418	1329.54	4.28	4945.	6947.	4945.	72.12	19.24	30.83	19.24	2.01	.6	2.54

FRDM= .76 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.0000 DTH = .0500 ITERR = 1
QU(1) = 39661.61 YU(1) = 1569.75 QU(N) = 73806.60 YU(N) = 1329.57

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1569.75	8.27	48.	4700.	48.	39.66	.27	38.93	.27	4.24	.7	4.75
12	.960	1523.30	4.84	2631.	4303.	2631.	46.25	9.39	27.25	9.39	3.98	.5	5.30
22	3.040	1451.77	5.20	3396.	5971.	3396.	66.34	13.01	39.90	13.01	5.48	.6	7.77
32	4.710	1400.19	4.77	3878.	8518.	3878.	77.70	11.13	54.80	11.13	4.11	.6	5.19
42	5.685	1374.86	4.03	6986.	6013.	6986.	80.49	24.22	31.46	24.22	3.27	.5	4.86
52	6.812	1347.51	4.84	2629.	10833.	2629.	77.83	5.93	65.89	5.93	3.85	.7	5.51
56	7.418	1329.57	4.31	5032.	7047.	5032.	73.81	19.74	31.57	19.74	2.04	.6	2.57

FRDM= .77 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.0500 DTH = .0500 ITERR = 1
QU(1) = 37356.44 YU(1) = 1569.59 QU(N) = 75258.88 YU(N) = 1329.60

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1569.59	8.06	46.	4543.	46.	37.36	.24	36.62	.24	4.09	.7	4.59
12	.960	1523.22	4.77	2511.	4220.	2511.	44.05	8.73	26.35	8.73	3.90	.5	5.22
22	3.040	1451.72	5.17	3286.	5910.	3286.	64.56	12.44	39.26	12.44	5.43	.6	7.72
32	4.710	1400.17	4.76	3815.	8477.	3815.	76.66	10.86	54.34	10.86	4.09	.6	5.17
42	5.685	1374.85	4.02	6961.	6001.	6961.	80.13	24.09	31.35	24.09	3.26	.5	4.85
52	6.812	1347.53	4.85	2687.	10887.	2687.	78.81	6.10	66.40	6.10	3.86	.7	5.53
56	7.418	1329.60	4.34	5107.	7132.	5107.	75.26	20.17	32.22	20.17	2.06	.6	2.60

FRDM= .77 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.1000 DTH = .0500 ITERR = 1
QU(1) = 35051.26 YU(1) = 1569.43 QU(N) = 76548.07 YU(N) = 1329.62

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1569.43	7.85	43.	4382.	43.	35.05	.22	34.36	.22	3.92	.7	4.43
12	.960	1523.13	4.70	2388.	4134.	2388.	41.84	8.09	25.49	8.09	3.81	.5	5.13
22	3.040	1451.67	5.14	3175.	5848.	3175.	62.73	11.88	38.60	11.88	5.38	.6	7.67
32	4.710	1400.15	4.74	3742.	8429.	3742.	75.45	10.54	53.81	10.54	4.07	.6	5.15
42	5.685	1374.84	4.01	6924.	5984.	6924.	79.61	23.90	31.19	23.90	3.25	.5	4.84

52	6.812	1347.54	4.86	2732.	10928.	2732.	79.58	6.23	66.81	6.23	3.88	.7	5.54
56	7.418	1329.62	4.36	5174.	7208.	5174.	76.55	20.55	32.79	20.55	2.09	.6	2.62

FRDM= .77 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.1500 DTH = .0500 ITERR = 1
QU(1) = 32746.09 YU(1) = 1569.26 QU(N) = 77687.10 YU(N) = 1329.64

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1569.26	7.63	39.	4214.	39.	32.75	.19	32.16	.19	3.76	.7	4.26
12	.960	1523.05	4.62	2267.	4048.	2267.	39.66	7.47	24.64	7.47	3.73	.5	5.05
22	3.040	1451.61	5.11	3062.	5784.	3062.	60.84	11.32	37.92	11.32	5.33	.6	7.61
32	4.710	1400.12	4.72	3660.	8375.	3660.	74.08	10.18	53.22	10.18	4.04	.6	5.12
42	5.685	1374.83	4.00	6877.	5962.	6877.	78.95	23.66	31.00	23.66	3.24	.5	4.83
52	6.812	1347.55	4.86	2765.	10958.	2765.	80.13	6.33	67.10	6.33	3.88	.7	5.55
56	7.418	1329.64	4.38	5233.	7275.	5233.	77.69	20.89	33.30	20.89	2.10	.6	2.64

FRDM= .77 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.2000 DTH = .0500 ITERR = 1
QU(1) = 30440.91 YU(1) = 1569.09 QU(N) = 78643.77 YU(N) = 1329.66

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1569.09	7.40	36.	4043.	36.	30.44	.17	30.02	.17	3.59	.7	4.09
12	.960	1522.96	4.55	2149.	3964.	2149.	37.62	6.88	23.80	6.88	3.64	.5	4.96
22	3.040	1451.56	5.07	2952.	5721.	2952.	58.90	10.76	37.21	10.76	5.27	.6	7.56
32	4.710	1400.10	4.70	3570.	8315.	3570.	72.58	9.79	52.58	9.79	4.02	.6	5.10
42	5.685	1374.82	3.99	6820.	5936.	6820.	78.17	23.37	30.76	23.37	3.23	.5	4.82
52	6.812	1347.55	4.86	2782.	10973.	2782.	80.40	6.38	67.24	6.38	3.89	.7	5.55
56	7.418	1329.66	4.39	5282.	7331.	5282.	78.64	21.18	33.73	21.18	2.12	.6	2.66

FRDM= .78 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.2500 DTH = .0500 ITERR = 1
QU(1) = 28135.73 YU(1) = 1568.91 QU(N) = 79392.27 YU(N) = 1329.67

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.91	7.16	33.	3861.	33.	28.14	.14	27.76	.14	3.40	.6	3.91
12	.960	1522.88	4.49	2027.	3875.	2027.	35.59	6.26	22.88	6.26	3.56	.5	4.88
22	3.040	1451.51	5.02	2843.	5657.	2843.	56.91	10.21	36.48	10.21	5.22	.6	7.51
32	4.710	1400.07	4.67	3472.	8250.	3472.	70.96	9.38	51.89	9.38	3.99	.6	5.07
42	5.685	1374.80	3.98	6754.	5904.	6754.	77.26	23.04	30.50	23.04	3.21	.5	4.80
52	6.812	1347.55	4.86	2783.	10974.	2783.	80.41	6.38	67.24	6.38	3.89	.7	5.55
56	7.418	1329.67	4.41	5322.	7376.	5322.	79.39	21.41	34.07	21.41	2.13	.6	2.67

FRDM= .79 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.3000 DTH = .0500 ITERR = 1
QU(1) = 25830.90 YU(1) = 1568.72 QU(N) = 79920.93 YU(N) = 1329.68

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.72	6.93	30.	3669.	30.	25.83	.12	25.37	.12	3.21	.6	3.72

12	.960	1522.78	4.41	1902.	3784.	1902.	33.43	5.64	21.90	5.64	3.46	.5	4.78
22	3.040	1451.45	4.98	2725.	5587.	2725.	54.99	9.61	35.63	9.61	5.16	.6	7.45
32	4.710	1400.04	4.64	3371.	8182.	3371.	69.28	8.96	51.17	8.96	3.95	.6	5.04
42	5.685	1374.78	3.96	6678.	5869.	6678.	76.21	22.66	30.19	22.66	3.20	.5	4.78
52	6.812	1347.55	4.86	2773.	10965.	2773.	80.23	6.35	67.14	6.35	3.89	.7	5.55
56	7.418	1329.68	4.41	5350.	7407.	5350.	79.92	21.57	34.31	21.57	2.14	.6	2.68

FRDM= .80 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.3500 DTH = .0500 ITERR = 1
QU(1) = 25284.64 YU(1) = 1568.66 QU(N) = 80206.00 YU(N) = 1329.68

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.66	6.89	29.	3614.	29.	25.28	.11	24.81	.11	3.16	.6	3.66
12	.960	1522.69	4.32	1776.	3692.	1776.	31.27	5.05	20.93	5.05	3.37	.5	4.69
22	3.040	1451.38	4.95	2599.	5510.	2599.	52.97	8.98	34.73	8.98	5.10	.6	7.38
32	4.710	1400.01	4.61	3270.	8113.	3270.	67.59	8.55	50.46	8.55	3.92	.6	5.01
42	5.685	1374.76	3.94	6591.	5828.	6591.	74.98	22.22	29.82	22.22	3.17	.5	4.76
52	6.812	1347.54	4.86	2754.	10948.	2754.	79.90	6.29	66.96	6.29	3.88	.7	5.54
56	7.418	1329.68	4.42	5366.	7425.	5366.	80.21	21.66	34.44	21.66	2.15	.6	2.68

FRDM= .81 IIFR= 11 FRM= .52 IIFM= 42

TT = 7.4000 DTH = .0500 ITERR = 1
QU(1) = 24738.39 YU(1) = 1568.62 QU(N) = 80263.88 YU(N) = 1329.69

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.62	6.82	28.	3571.	28.	24.74	.11	24.26	.11	3.11	.6	3.62
12	.960	1522.60	4.24	1651.	3599.	1651.	29.24	4.51	20.07	4.51	3.28	.5	4.60
22	3.040	1451.32	4.91	2474.	5432.	2474.	50.99	8.38	33.87	8.38	5.03	.6	7.32
32	4.710	1399.97	4.60	3161.	8040.	3161.	66.07	8.15	49.62	8.15	3.89	.6	4.97
42	5.685	1374.74	3.92	6497.	5783.	6497.	73.65	21.75	29.43	21.75	3.15	.5	4.74
52	6.812	1347.54	4.85	2729.	10925.	2729.	79.46	6.22	66.73	6.22	3.87	.7	5.54
56	7.418	1329.69	4.42	5370.	7430.	5370.	80.26	21.68	34.47	21.68	2.15	.6	2.69

FRDM= .82 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.4500 DTH = .0500 ITERR = 1
QU(1) = 24192.14 YU(1) = 1568.57 QU(N) = 80125.48 YU(N) = 1329.68

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1568.57	6.76	27.	3524.	27.	24.19	.10	23.71	.10	3.07	.6	3.57
12	.960	1522.52	4.17	1541.	3517.	1541.	27.53	4.06	19.38	4.06	3.20	.5	4.52
22	3.040	1451.26	4.89	2356.	5357.	2356.	49.19	7.84	33.11	7.84	4.97	.6	7.26
32	4.710	1399.93	4.59	3039.	7955.	3039.	64.47	7.72	48.71	7.72	3.85	.6	4.93
42	5.685	1374.72	3.90	6398.	5736.	6398.	72.25	21.26	29.03	21.26	3.13	.5	4.72
52	6.812	1347.53	4.84	2698.	10897.	2698.	78.94	6.13	66.44	6.13	3.87	.7	5.53
56	7.418	1329.68	4.41	5364.	7423.	5364.	80.13	21.64	34.41	21.64	2.15	.6	2.68

FRDM= .83 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.5000 DTH = .0500 ITERR = 1
QU(1) = 23645.89 YU(1) = 1568.53 QU(N) = 79831.77 YU(N) = 1329.68

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.53	6.70	26.	3479.	26.	23.65	.10	23.17	.10	3.02	.6	3.53
12	.960	1522.45	4.14	1451.	3448.	1451.	26.30	3.70	18.81	3.70	3.13	.6	4.45
22	3.040	1451.19	4.85	2240.	5281.	2240.	47.38	7.32	32.36	7.32	4.91	.6	7.19
32	4.710	1399.89	4.59	2914.	7866.	2914.	62.83	7.30	47.78	7.30	3.81	.6	4.89
42	5.685	1374.69	3.87	6294.	5687.	6294.	70.79	20.75	28.60	20.75	3.10	.5	4.69
52	6.812	1347.52	4.84	2660.	10861.	2660.	78.26	6.01	66.08	6.01	3.86	.7	5.52
56	7.418	1329.68	4.41	5350.	7407.	5350.	79.83	21.55	34.27	21.55	2.14	.6	2.68

FROM= .84 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.5500 DTH = .0500 ITERR = 1
QU(1) = 23099.63 YU(1) = 1568.48 QU(N) = 79410.34 YU(N) = 1329.67

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.48	6.63	25.	3432.	25.	23.10	.09	22.63	.09	2.97	.6	3.48
12	.960	1522.39	4.12	1380.	3395.	1380.	25.33	3.42	18.32	3.42	3.07	.6	4.39
22	3.040	1451.13	4.82	2122.	5203.	2122.	45.50	6.80	31.60	6.80	4.84	.6	7.13
32	4.710	1399.85	4.58	2790.	7776.	2790.	61.18	6.88	46.86	6.88	3.77	.6	4.85
42	5.685	1374.67	3.85	6191.	5637.	6191.	69.33	20.25	28.19	20.25	3.08	.5	4.67
52	6.812	1347.50	4.83	2611.	10817.	2611.	77.41	5.87	65.62	5.87	3.84	.7	5.50
56	7.418	1329.67	4.40	5329.	7383.	5329.	79.41	21.42	34.08	21.42	2.14	.6	2.67

FROM= .84 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.6000 DTH = .0500 ITERR = 1
QU(1) = 22553.38 YU(1) = 1568.44 QU(N) = 78866.41 YU(N) = 1329.66

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.44	6.57	25.	3385.	25.	22.55	.09	22.10	.09	2.93	.6	3.44
12	.960	1522.36	4.09	1334.	3360.	1334.	24.65	3.23	17.97	3.23	3.04	.6	4.36
22	3.040	1451.06	4.77	2004.	5123.	2004.	43.57	6.29	30.82	6.29	4.77	.6	7.06
32	4.710	1399.81	4.57	2672.	7689.	2672.	59.60	6.50	45.97	6.50	3.73	.6	4.81
42	5.685	1374.64	3.82	6087.	5587.	6087.	67.88	19.76	27.78	19.76	3.05	.5	4.64
52	6.812	1347.49	4.82	2551.	10760.	2551.	76.47	5.69	65.00	5.69	3.83	.7	5.49
56	7.418	1329.66	4.39	5301.	7352.	5301.	78.87	21.26	33.84	21.26	2.13	.6	2.66

FROM= .85 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.6500 DTH = .0500 ITERR = 1
QU(1) = 22007.13 YU(1) = 1568.39 QU(N) = 78187.96 YU(N) = 1329.65

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.39	6.50	24.	3338.	24.	22.01	.08	21.57	.08	2.88	.6	3.39
12	.960	1522.34	4.06	1303.	3336.	1303.	24.14	3.10	17.70	3.10	3.02	.6	4.34
22	3.040	1450.99	4.72	1887.	5041.	1887.	41.59	5.79	29.99	5.79	4.71	.6	6.99
32	4.710	1399.78	4.56	2563.	7607.	2563.	58.10	6.14	45.15	6.14	3.69	.6	4.78
42	5.685	1374.62	3.79	5982.	5536.	5982.	66.40	19.26	27.36	19.26	3.03	.5	4.62
52	6.812	1347.47	4.82	2476.	10688.	2476.	75.39	5.47	64.22	5.47	3.80	.7	5.47
56	7.418	1329.65	4.38	5267.	7314.	5267.	78.19	21.05	33.53	21.05	2.12	.6	2.65

FROM= .85 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.7000 DTH = .0500 ITERR = 1
QU(1) = 21460.88 YU(1) = 1568.34 QU(N) = 77385.89 YU(N) = 1329.64

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.34	6.43	23.	3290.	23.	21.46	.08	21.05	.08	2.83	.6	3.34
12	.960	1522.31	4.04	1269.	3310.	1269.	23.61	2.97	17.43	2.97	2.99	.6	4.31
22	3.040	1450.92	4.68	1767.	4955.	1767.	39.76	5.27	29.03	5.27	4.63	.6	6.92
32	4.710	1399.74	4.55	2449.	7519.	2449.	56.45	5.78	44.23	5.78	3.65	.6	4.74
42	5.685	1374.59	3.76	5873.	5483.	5873.	64.86	18.75	26.93	18.75	3.00	.5	4.59
52	6.812	1347.44	4.82	2390.	10605.	2390.	74.16	5.22	63.34	5.22	3.78	.7	5.44
56	7.418	1329.64	4.37	5226.	7268.	5226.	77.39	20.81	33.17	20.81	2.10	.6	2.64

FRDM= .86 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.7500 DTH = .0500 ITERR = 1
QU(1) = 20914.63 YU(1) = 1568.29 QU(N) = 76458.08 YU(N) = 1329.62

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.29	6.36	22.	3242.	22.	20.91	.07	20.54	.07	2.78	.6	3.29
12	.960	1522.28	4.02	1227.	3277.	1227.	23.05	2.82	17.16	2.82	2.96	.6	4.28
22	3.040	1450.85	4.65	1651.	4869.	1651.	37.99	4.78	28.13	4.78	4.56	.6	6.85
32	4.710	1399.69	4.52	2323.	7420.	2323.	54.60	5.38	43.21	5.38	3.61	.6	4.69
42	5.685	1374.56	3.73	5761.	5428.	5761.	63.26	18.23	26.48	18.23	2.97	.5	4.56
52	6.812	1347.42	4.82	2299.	10515.	2299.	72.84	4.96	62.39	4.96	3.75	.7	5.42
56	7.418	1329.62	4.35	5179.	7214.	5179.	76.46	20.53	32.75	20.53	2.09	.6	2.62

FRDM= .85 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.8000 DTH = .0500 ITERR = 1
QU(1) = 20368.37 YU(1) = 1568.24 QU(N) = 75387.91 YU(N) = 1329.60

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.24	6.29	21.	3195.	21.	20.37	.07	20.02	.07	2.74	.6	3.24
12	.960	1522.24	4.01	1185.	3244.	1185.	22.51	2.67	16.91	2.67	2.92	.6	4.24
22	3.040	1450.78	4.61	1543.	4787.	1543.	36.32	4.34	27.29	4.34	4.49	.6	6.78
32	4.710	1399.64	4.50	2193.	7314.	2193.	52.64	4.98	42.15	4.98	3.56	.6	4.64
42	5.685	1374.54	3.70	5647.	5372.	5647.	61.61	17.70	26.03	17.70	2.95	.5	4.54
52	6.812	1347.39	4.82	2206.	10420.	2206.	71.45	4.69	61.41	4.69	3.73	.7	5.39
56	7.418	1329.60	4.33	5125.	7153.	5125.	75.39	20.21	32.28	20.21	2.07	.6	2.60

FRDM= .85 IIFR= 11 FRM= .51 IIFM= 42

TT = 7.8500 DTH = .0500 ITERR = 1
QU(1) = 19822.12 YU(1) = 1568.20 QU(N) = 74170.59 YU(N) = 1329.58

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.20	6.22	20.	3146.	20.	19.82	.06	19.52	.06	2.69	.6	3.20
12	.960	1522.21	4.00	1144.	3212.	1144.	21.99	2.53	16.67	2.53	2.89	.6	4.21
22	3.040	1450.71	4.58	1434.	4702.	1434.	34.67	3.92	26.48	3.92	4.42	.6	6.71
32	4.710	1399.59	4.47	2064.	7207.	2064.	50.67	4.59	41.09	4.59	3.51	.6	4.59
42	5.685	1374.51	3.66	5535.	5316.	5535.	59.98	17.18	25.58	17.18	2.92	.5	4.51

52	6.812	1347.36	4.81	2111.	10322.	2111.	70.01	4.43	60.39	4.43	3.70	.7	5.36
56	7.418	1329.58	4.31	5064.	7083.	5064.	74.17	19.85	31.74	19.85	2.05	.6	2.58

FRDM= .85 IIFR= 11 FRM= .50 IIFM= 42

TT = 7.9000 DTH = .0500 ITERR = 1
QU(1) = 19275.95 YU(1) = 1568.15 QU(N) = 72839.84 YU(N) = 1329.56

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.15	6.14	19.	3098.	19.	19.28	.06	19.01	.06	2.64	.6	3.15
12	.960	1522.18	3.99	1105.	3182.	1105.	21.50	2.40	16.46	2.40	2.86	.6	4.18
22	3.040	1450.63	4.54	1322.	4611.	1322.	32.96	3.50	25.67	3.50	4.35	.6	6.63
32	4.710	1399.55	4.44	1943.	7102.	1943.	48.78	4.23	40.10	4.23	3.46	.6	4.55
42	5.685	1374.48	3.63	5422.	5259.	5422.	58.49	16.64	25.09	16.64	2.89	.5	4.48
52	6.812	1347.33	4.81	2023.	10228.	2023.	68.66	4.19	59.45	4.19	3.67	.7	5.33
56	7.418	1329.56	4.28	4997.	7006.	4997.	72.84	19.46	31.15	19.46	2.03	.6	2.56

FRDM= .84 IIFR= 11 FRM= .50 IIFM= 42

TT = 7.9500 DTH = .0500 ITERR = 1
QU(1) = 19061.41 YU(1) = 1568.13 QU(N) = 71439.48 YU(N) = 1329.54

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1568.13	6.12	19.	3078.	19.	19.06	.06	18.82	.06	2.62	.6	3.13
12	.960	1522.15	3.97	1068.	3153.	1068.	21.01	2.27	16.24	2.27	2.83	.6	4.15
22	3.040	1450.56	4.50	1210.	4518.	1210.	31.23	3.11	24.88	3.11	4.27	.6	6.56
32	4.710	1399.50	4.41	1832.	7003.	1832.	47.00	3.91	39.17	3.91	3.42	.6	4.50
42	5.685	1374.45	3.60	5293.	5195.	5293.	56.86	16.03	24.53	16.03	2.86	.5	4.45
52	6.812	1347.31	4.80	1940.	10138.	1940.	67.33	3.96	58.52	3.96	3.64	.7	5.31
56	7.418	1329.54	4.26	4926.	6925.	4926.	71.44	19.05	30.54	19.05	2.00	.6	2.54

FRDM= .84 IIFR= 11 FRM= .50 IIFM= 42

NORMALIZED CONSERVATION OF MASS AS PERCENT OF MAX FLOW IN REACH = -1.26

ROUTING COMPLETED.

KTIME= 159 ALLOWABLE KTIME= 699 TT= 8.0

1

PROFILE OF CRESTS AND TIMES FOR POWERLINE RES.

BELOW POWERLINE FRS

DISTANCE FROM DAM MILE	MAX ELEV FEET	MAX FLOW CFS	TIME MAX ELEV-HRS	MAX VL FPS	MAX VC FPS	MAX VR FPS	FLOOD ELEV FEET	TIME FLOOD ELEV-HRS
********	********	********	********	********	********	********	**********	**********
.010	1572.10	82569	5.700	8.69	11.43	8.69	.00	.00
.096	1567.56	82453	5.700	7.34	10.84	7.34	.00	.00
.183	1563.08	82333	5.750	6.90	10.41	6.90	.00	.00
.269	1558.68	82337	5.750	6.57	10.06	6.57	.00	.00
.355	1554.25	82346	5.750	6.32	9.83	6.32	.00	.00
.442	1549.92	82320	5.750	6.04	9.47	6.04	.00	.00
.528	1545.50	82261	5.750	5.93	9.44	5.93	.00	.00
.615	1541.28	82185	5.800	5.62	8.96	5.62	.00	.00
.701	1536.79	82214	5.800	5.68	9.24	5.68	.00	.00
.787	1532.77	82200	5.800	5.21	8.36	5.21	.00	.00
.874	1528.06	82147	5.800	5.67	9.47	5.67	.00	.00
.960	1524.42	82100	5.850	4.69	7.48	4.69	.00	.00
1.168	1517.12	82050	5.850	4.51	7.50	4.51	.00	.00
1.376	1509.88	82006	5.900	4.27	7.42	4.27	.00	.00
1.584	1502.64	81912	5.950	4.11	7.49	4.11	.00	.00
1.792	1495.47	81833	6.000	3.90	7.42	3.90	.00	.00
2.000	1488.23	81736	6.050	3.76	7.56	3.76	.00	.00
2.208	1481.11	81649	6.100	3.60	7.43	3.60	.00	.00
2.416	1473.80	81571	6.150	3.69	7.68	3.69	.00	.00
2.624	1466.73	81472	6.200	3.53	7.30	3.53	.00	.00
2.832	1459.33	81403	6.250	3.71	7.81	3.71	.00	.00
3.040	1452.14	81351	6.300	4.18	7.06	4.18	.00	.00
3.207	1446.85	81316	6.300	4.09	6.95	4.09	.00	.00
3.374	1441.62	81279	6.350	3.97	6.75	3.97	.00	.00
3.541	1436.37	81240	6.400	3.91	6.69	3.91	.00	.00
3.708	1431.21	81181	6.450	3.76	6.43	3.76	.00	.00
3.875	1425.98	81131	6.450	3.74	6.47	3.74	.00	.00
4.042	1420.89	81104	6.500	3.57	6.11	3.57	.00	.00
4.209	1415.65	81070	6.550	3.60	6.30	3.60	.00	.00
4.376	1410.65	81023	6.600	3.38	5.75	3.38	.00	.00
4.543	1405.34	80977	6.650	3.51	6.23	3.51	.00	.00
4.710	1400.25	80933	6.700	2.95	6.51	2.95	.00	.00
4.807	1397.74	80928	6.700	3.10	6.39	3.10	.00	.00
4.905	1395.23	80882	6.750	3.22	6.27	3.22	.00	.00
5.002	1392.71	80882	6.750	3.31	6.16	3.31	.00	.00
5.100	1390.18	80833	6.800	3.38	6.05	3.38	.00	.00
5.197	1387.65	80836	6.800	3.43	5.97	3.43	.00	.00
5.295	1385.12	80796	6.850	3.43	5.85	3.43	.00	.00
5.392	1382.55	80794	6.850	3.49	5.81	3.49	.00	.00
5.490	1380.00	80757	6.900	3.50	5.63	3.50	.00	.00
5.587	1377.35	80752	6.900	3.62	5.67	3.62	.00	.00
5.685	1374.86	80709	6.950	3.47	5.24	3.47	.00	.00
5.798	1372.15	80690	6.950	3.37	5.31	3.37	.00	.00
5.910	1369.44	80655	7.000	3.26	5.38	3.26	.00	.00
6.023	1366.72	80642	7.000	3.13	5.42	3.13	.00	.00
6.136	1364.00	80613	7.050	3.00	5.48	3.00	.00	.00
6.248	1361.30	80573	7.100	2.85	5.50	2.85	.00	.00
6.361	1358.57	80555	7.100	2.72	5.59	2.72	.00	.00

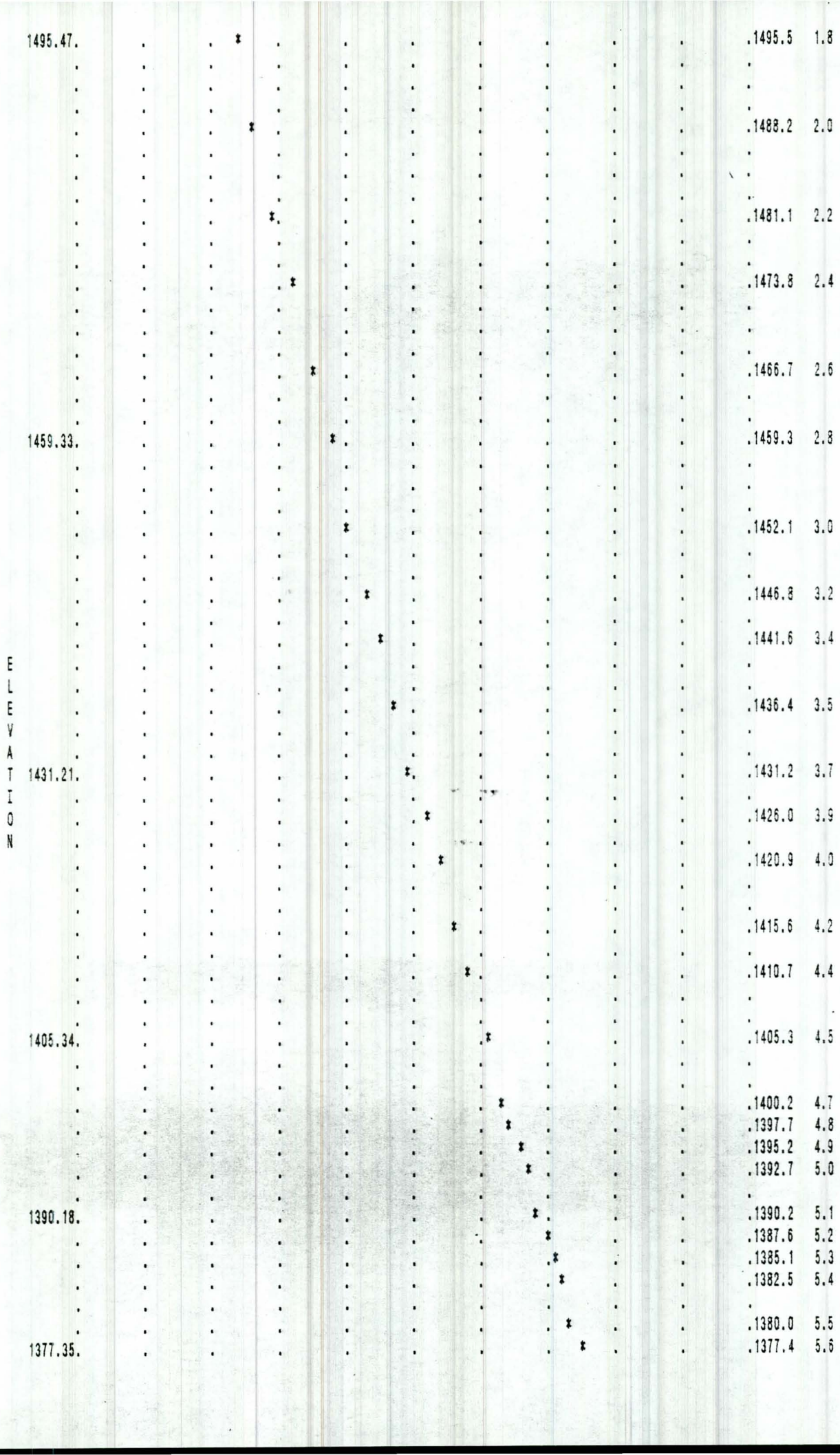
PROFILE OF CRESTS AND TIMES FOR POWERLINE RES.
BELOW POWERLINE FRS

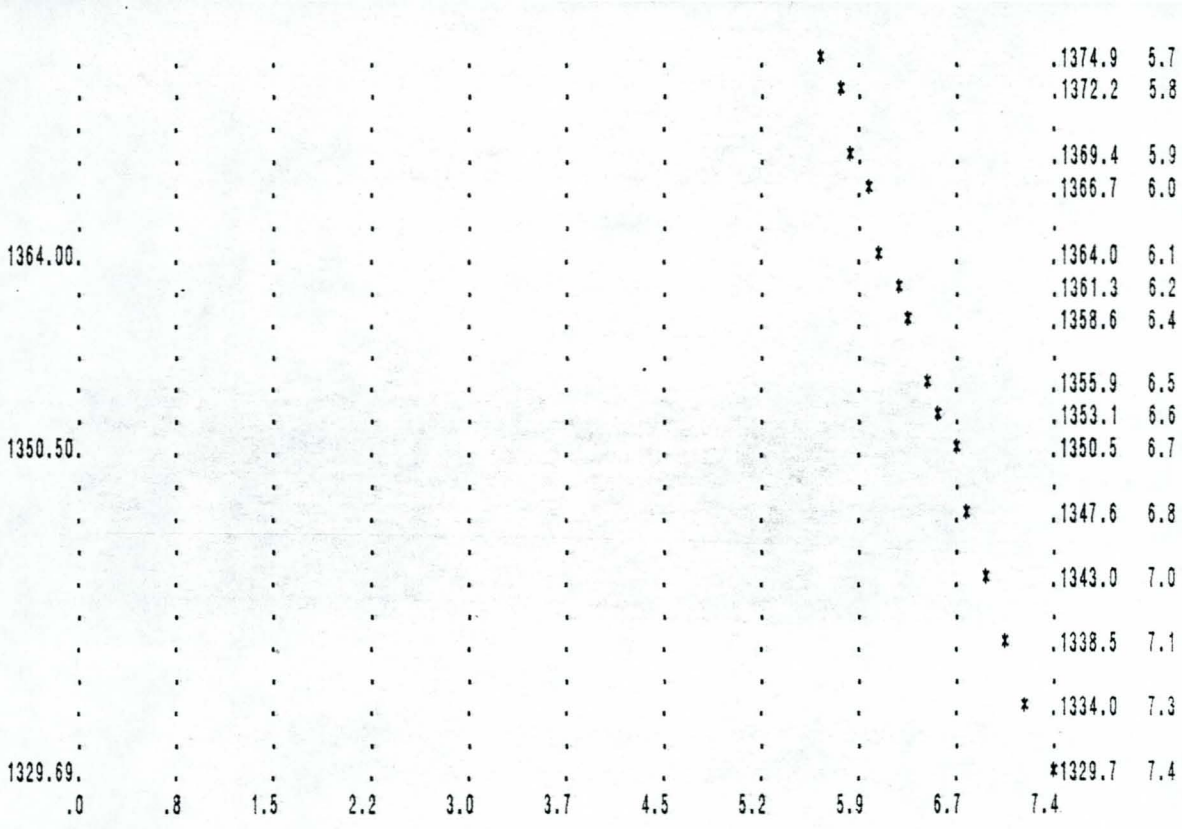
DISTANCE FROM DAM MILE	MAX ELEV FEET	MAX FLOW CFS	TIME MAX ELEV-HRS	MAX VL FPS	MAX VC FPS	MAX VR FPS	FLOOD ELEV FEET	TIME FLOOD ELEV-HRS
********	********	********	********	********	********	********	**********	**********
6.474	1355.91	80516	7.150	2.55	5.51	2.55	.00	.00
6.587	1353.11	80504	7.150	2.47	5.81	2.47	.00	.00
6.699	1350.50	80458	7.200	2.22	5.40	2.22	.00	.00
6.812	1347.55	80408	7.250	2.29	6.13	2.29	.00	.00
6.963	1343.03	80368	7.300	3.28	5.82	3.28	.00	.00
7.115	1338.48	80324	7.300	4.09	5.36	4.09	.00	.00
7.266	1334.04	80299	7.350	4.29	4.90	4.29	.00	.00
7.418	1329.69	80263	7.400	4.04	4.64	4.04	.00	.00

1

PEAK ELEVATION PROFILE

```
                                   MILES                                                    ELEV
                                                                                            FEET  MILE
      .0      .8      1.5     2.2     3.0     3.7     4.5     5.2     5.9     6.7     7.4
0
1572.10*      .       .       .       .       .       .       .       .       .       .    .1572.1   .0
      .       .       .       .       .       .       .       .       .       .       .
      .*      .       .       .       .       .       .       .       .       .       .    .1567.6   .1
      .       .       .       .       .       .       .       .       .       .       .
      . *     .       .       .       .       .       .       .       .       .       .    .1563.1   .2
      .       .       .       .       .       .       .       .       .       .       .
      .  *    .       .       .       .       .       .       .       .       .       .    .1558.7   .3
      .       .       .       .       .       .       .       .       .       .       .
      .   *   .       .       .       .       .       .       .       .       .       .    .1554.2   .4
      .       .       .       .       .       .       .       .       .       .       .
1549.92.    *   .       .       .       .       .       .       .       .       .       .    .1549.9   .4
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .       .       .       .       .       .       .       .       .
      .    *  .       .       .       .       .       .       .       .       .       .    .1545.5   .5
      .       .       .       .       .       .       .       .       .       .       .
      .     * .       .       .       .       .       .       .       .       .       .    .1541.3   .6
      .       .       .       .       .       .       .       .       .       .       .
      .      *.       .       .       .       .       .       .       .       .       .    .1536.8   .7
      .       .       .       .       .       .       .       .       .       .       .
      .       *       .       .       .       .       .       .       .       .       .    .1532.8   .8
      .       .       .       .       .       .       .       .       .       .       .
1528.06.      .*      .       .       .       .       .       .       .       .       .    .1528.1   .9
      .       .       .       .       .       .       .       .       .       .       .
      .       . *     .       .       .       .       .       .       .       .       .    .1524.4  1.0
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .       .       .       .       .       .       .       .       .
      .       .   *   .       .       .       .       .       .       .       .       .    .1517.1  1.2
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .       .       .       .       .       .       .       .       .
      .       .       *.      .       .       .       .       .       .       .       .    .1509.9  1.4
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .*      .       .       .       .       .       .       .       .    .1502.6  1.6
      .       .       .       .       .       .       .       .       .       .       .
      .       .       .       .       .       .       .       .       .       .       .
```


ELEVATION
1495.47.
1459.33.
1431.21.
1405.34.
1390.18.
1377.35.
1495.5 1.8
1488.2 2.0
1481.1 2.2
1473.8 2.4
1466.7 2.6
1459.3 2.8
1452.1 3.0
1446.8 3.2
1441.6 3.4
1436.4 3.5
1431.2 3.7
1426.0 3.9
1420.9 4.0
1415.6 4.2
1410.7 4.4
1405.3 4.5
1400.2 4.7
1397.7 4.8
1395.2 4.9
1392.7 5.0
1390.2 5.1
1387.6 5.2
1385.1 5.3
1382.5 5.4
1380.0 5.5
1377.4 5.6

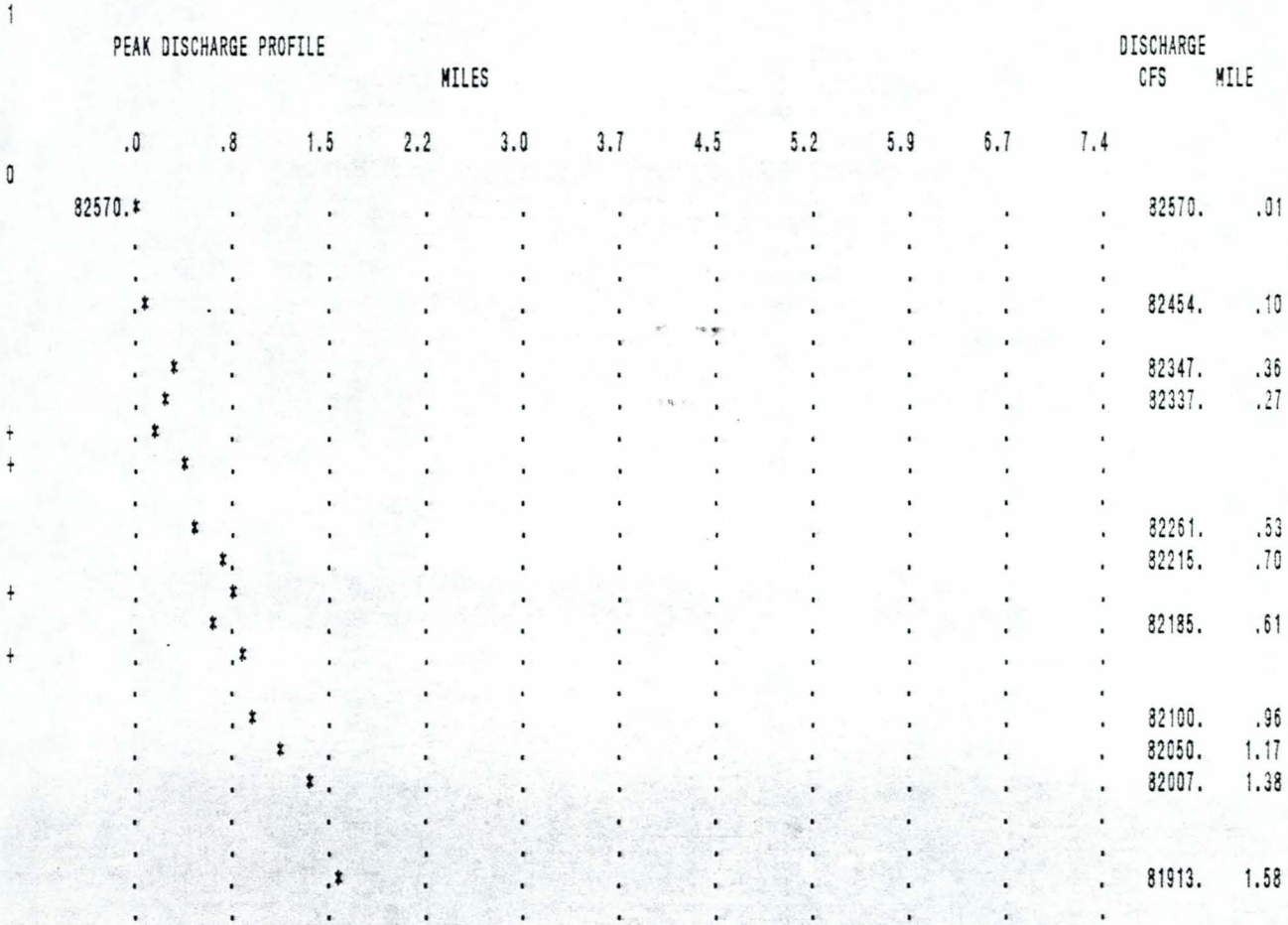


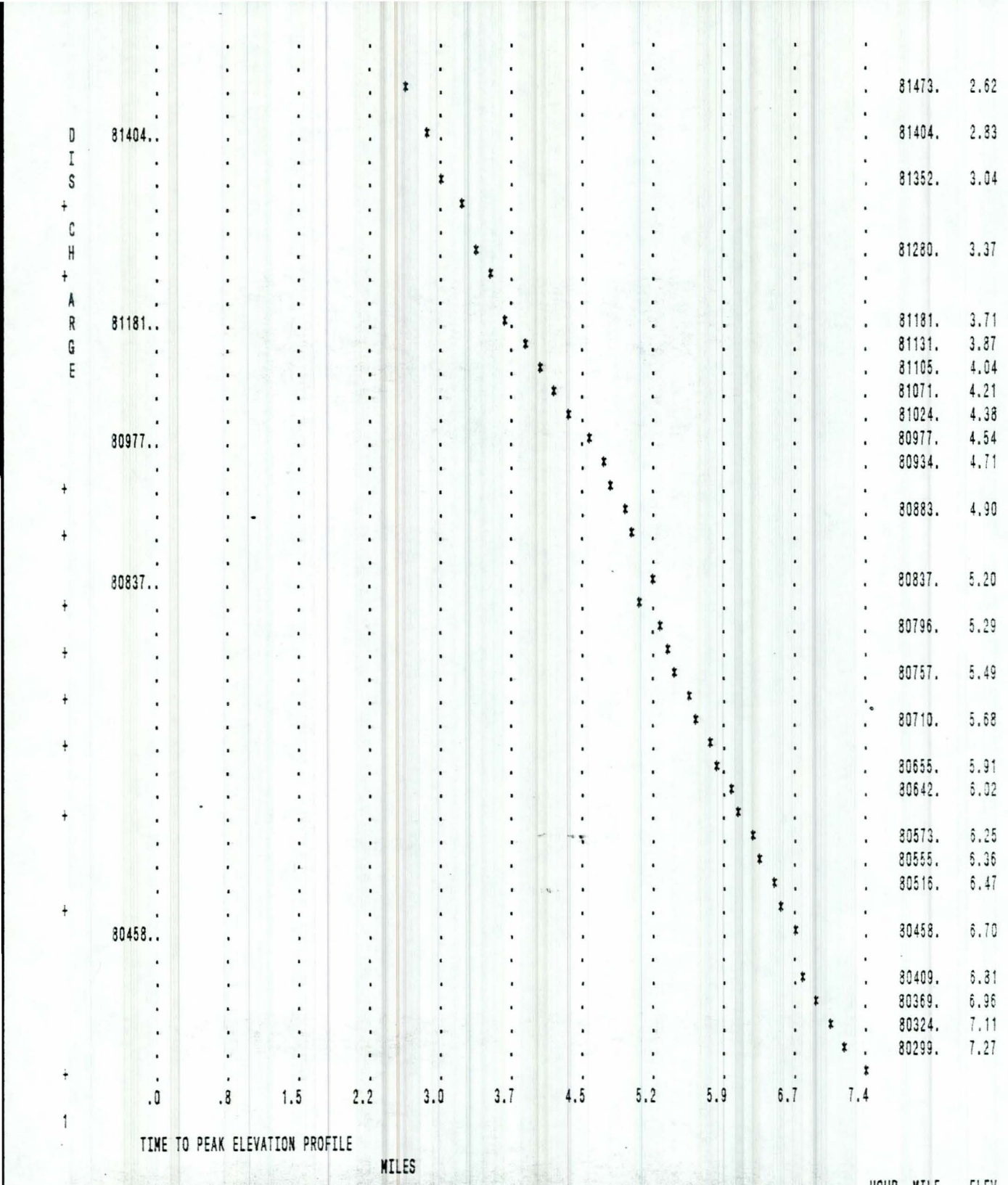
1

PEAK DISCHARGE PROFILE

MILES

DISCHARGE CFS MILE



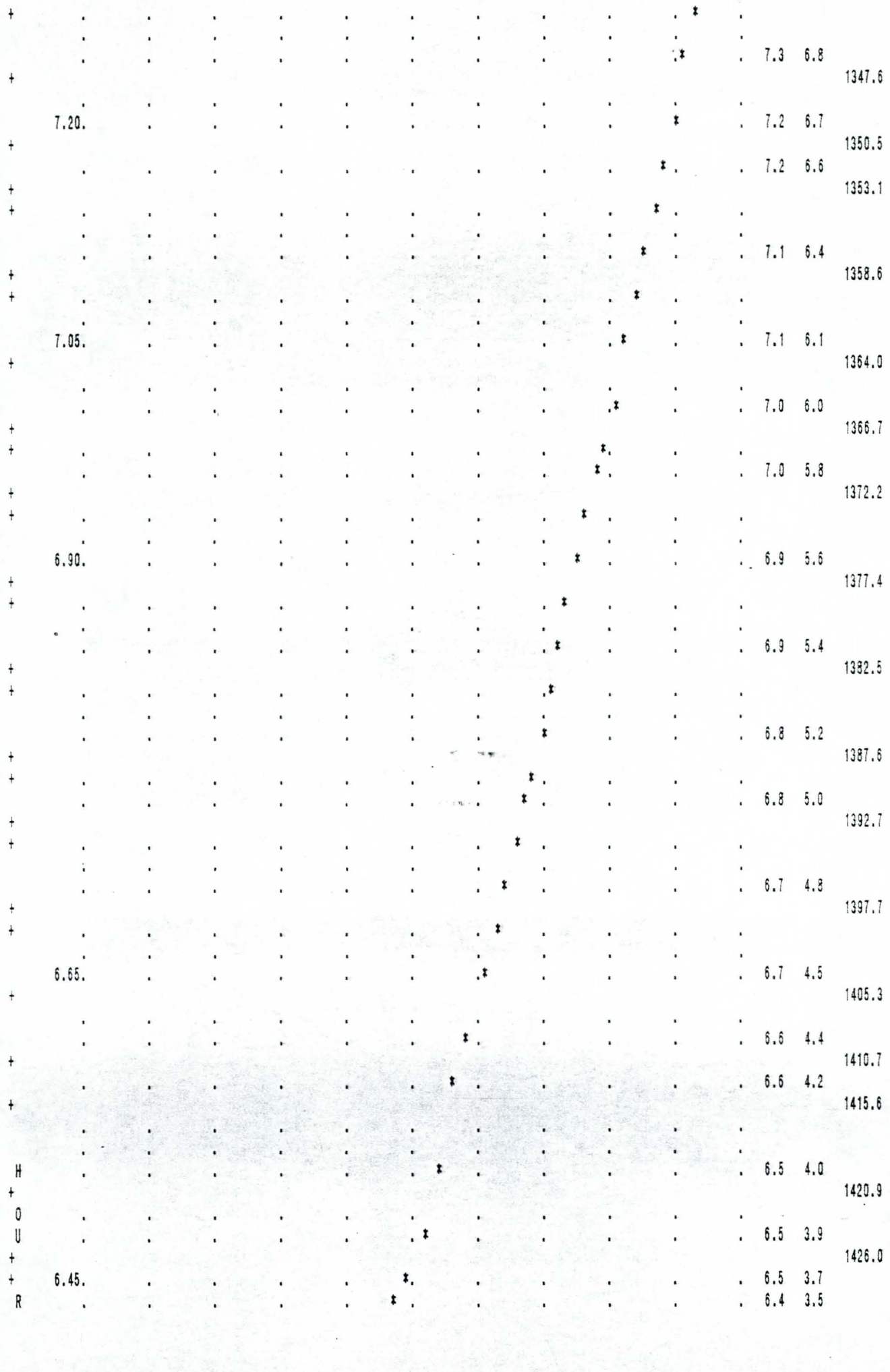


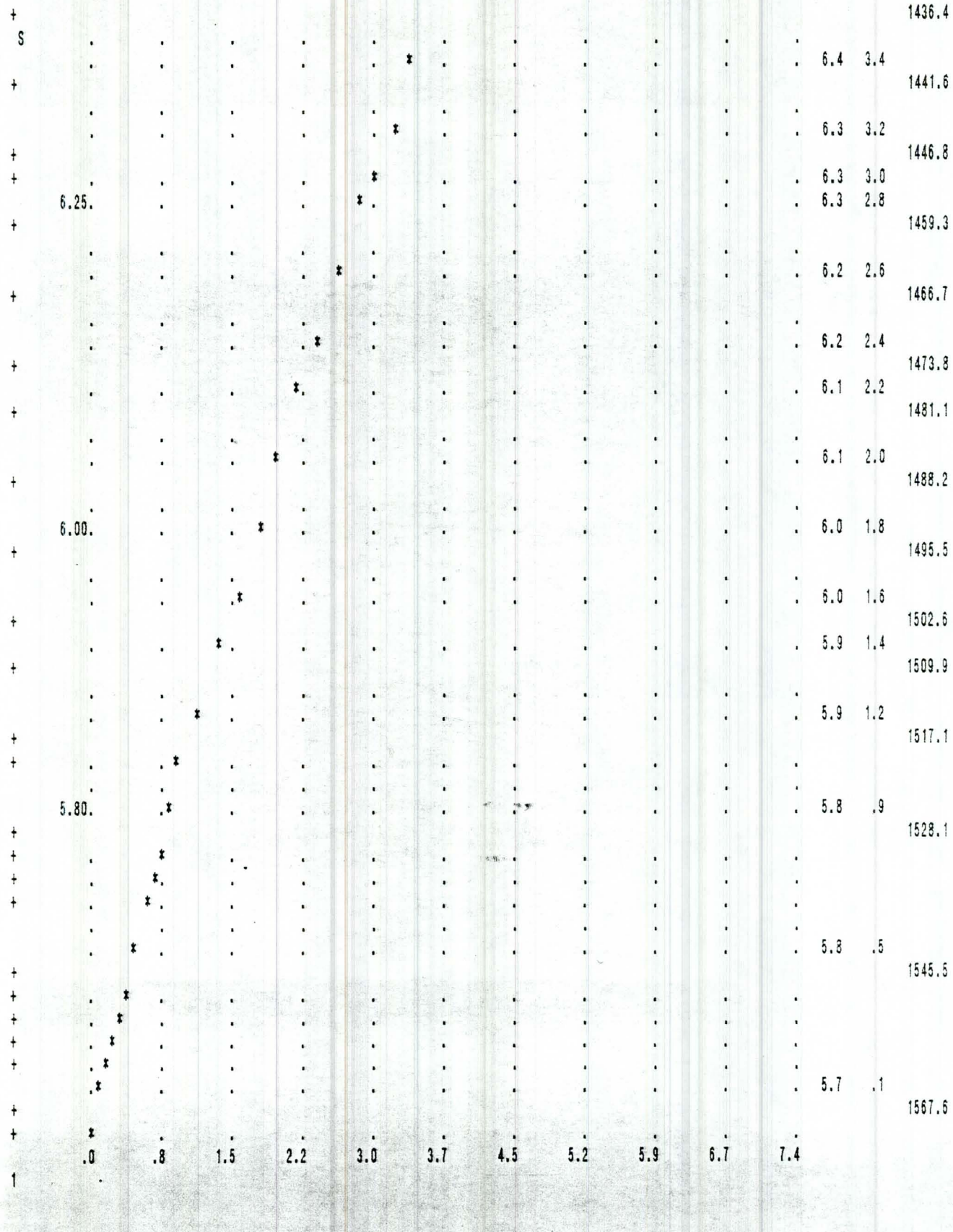
1

TIME TO PEAK ELEVATION PROFILE

MILES

	HOUR	MILE	ELEV
7.40.	7.4	7.4	1329.7
	7.4	7.3	1334.0
	7.3	7.1	1338.5


7.20.
7.05.
6.90.
6.65.
6.45.
H
O
U
R
7.3 6.8
1347.6
7.2 6.7
1350.5
7.2 6.6
1353.1
7.1 6.4
1358.6
7.1 6.1
1364.0
7.0 6.0
1366.7
7.0 5.8
1372.2
6.9 5.6
1377.4
6.9 5.4
1382.5
6.8 5.2
1387.6
6.8 5.0
1392.7
6.7 4.8
1397.7
6.7 4.5
1405.3
6.6 4.4
1410.7
6.6 4.2
1415.6
6.5 4.0
1420.9
6.5 3.9
1426.0
6.5 3.7
6.4 3.5



K	TTP(K)	YC(K,I),I=1,NTT)					
*****	********	**********					
1	.000	1565.51	1446.29	1396.08	1371.59	1343.66	1327.53

2	.050	1565.51	1446.29	1396.09	1371.59	1343.66	1327.53
3	.100	1565.51	1446.29	1396.09	1371.59	1343.66	1327.53
4	.150	1565.59	1446.29	1396.08	1371.59	1343.66	1327.53
5	.200	1565.70	1446.29	1396.08	1371.59	1343.66	1327.53
6	.250	1565.80	1446.29	1396.08	1371.59	1343.66	1327.53
7	.300	1565.91	1446.30	1396.08	1371.59	1343.66	1327.53
8	.350	1566.00	1446.30	1396.08	1371.59	1343.66	1327.53
9	.400	1566.05	1446.31	1396.08	1371.59	1343.66	1327.53
10	.450	1566.09	1446.31	1396.08	1371.59	1343.66	1327.53
11	.500	1566.14	1446.32	1396.08	1371.59	1343.66	1327.53
12	.550	1566.18	1446.32	1396.08	1371.59	1343.66	1327.53
13	.600	1566.23	1446.33	1396.08	1371.59	1343.66	1327.53
14	.650	1566.27	1446.33	1396.08	1371.59	1343.66	1327.53
15	.700	1566.32	1446.33	1396.08	1371.59	1343.66	1327.53
16	.750	1566.36	1446.33	1396.08	1371.59	1343.66	1327.53
17	.800	1566.40	1446.33	1396.08	1371.59	1343.66	1327.53
18	.850	1566.45	1446.34	1396.08	1371.59	1343.66	1327.53
19	.900	1566.49	1446.34	1396.08	1371.59	1343.66	1327.53
20	.950	1566.54	1446.34	1396.08	1371.59	1343.66	1327.53
21	1.000	1566.58	1446.34	1396.08	1371.59	1343.66	1327.53
22	1.050	1566.63	1446.33	1396.08	1371.59	1343.66	1327.53
23	1.100	1566.67	1446.34	1396.08	1371.59	1343.66	1327.53
24	1.150	1566.71	1446.39	1396.08	1371.59	1343.66	1327.53
25	1.200	1566.76	1446.37	1396.08	1371.59	1343.66	1327.53
26	1.250	1566.80	1446.34	1396.08	1371.59	1343.66	1327.53
27	1.300	1566.85	1446.44	1396.08	1371.59	1343.66	1327.53
28	1.350	1566.89	1446.60	1396.08	1371.59	1343.66	1327.53
29	1.400	1566.94	1446.77	1396.08	1371.59	1343.66	1327.53
30	1.450	1566.98	1446.95	1396.08	1371.59	1343.66	1327.53
31	1.500	1567.02	1447.14	1396.08	1371.59	1343.66	1327.53
32	1.550	1567.05	1447.34	1396.08	1371.59	1343.66	1327.53
33	1.600	1567.08	1447.51	1396.08	1371.59	1343.66	1327.53
34	1.650	1567.11	1447.66	1396.08	1371.59	1343.66	1327.53
35	1.700	1567.14	1447.78	1396.08	1371.59	1343.66	1327.53
36	1.750	1567.17	1447.88	1396.08	1371.59	1343.66	1327.53
37	1.800	1567.20	1447.99	1396.08	1371.59	1343.66	1327.53
38	1.850	1567.23	1448.09	1396.08	1371.59	1343.66	1327.53
39	1.900	1567.27	1448.17	1396.08	1371.59	1343.66	1327.53
40	1.950	1567.30	1448.25	1396.08	1371.59	1343.66	1327.53
41	2.000	1567.33	1448.34	1396.09	1371.59	1343.66	1327.53
42	2.050	1567.36	1448.42	1396.11	1371.59	1343.66	1327.53
43	2.100	1567.39	1448.49	1396.15	1371.59	1343.66	1327.53
44	2.150	1567.42	1448.56	1396.22	1371.59	1343.66	1327.53
45	2.200	1567.45	1448.62	1396.32	1371.59	1343.66	1327.53
46	2.250	1567.48	1448.67	1396.46	1371.59	1343.66	1327.53
47	2.300	1567.51	1448.72	1396.63	1371.59	1343.66	1327.53
48	2.350	1567.54	1448.76	1396.80	1371.59	1343.66	1327.53
49	2.400	1567.57	1448.81	1396.95	1371.59	1343.66	1327.53
50	2.450	1567.60	1448.86	1397.06	1371.59	1343.66	1327.53
51	2.500	1567.64	1448.91	1397.13	1371.63	1343.66	1327.53
52	2.550	1567.67	1448.95	1397.18	1371.71	1343.66	1327.53
53	2.600	1567.70	1449.00	1397.22	1371.81	1343.66	1327.53
54	2.650	1567.73	1449.03	1397.27	1372.03	1343.66	1327.53
55	2.700	1567.76	1449.06	1397.32	1372.24	1343.66	1327.53
56	2.750	1567.79	1449.08	1397.36	1372.36	1343.66	1327.53
57	2.800	1567.82	1449.11	1397.40	1372.45	1343.66	1327.53
58	2.850	1567.85	1449.14	1397.44	1372.51	1343.66	1327.53
59	2.900	1567.88	1449.17	1397.48	1372.56	1343.66	1327.53
60	2.950	1567.91	1449.19	1397.52	1372.61	1343.66	1327.53
61	3.000	1567.94	1449.22	1397.56	1372.65	1343.66	1327.53

62	3.050	1567.97	1449.25	1397.59	1372.69	1343.66	1327.53
63	3.100	1568.00	1449.28	1397.63	1372.72	1343.66	1327.53
64	3.150	1568.02	1449.31	1397.66	1372.76	1343.86	1327.53
65	3.200	1568.05	1449.34	1397.69	1372.79	1344.09	1327.53
66	3.250	1568.07	1449.37	1397.72	1372.83	1344.20	1327.53
67	3.300	1568.09	1449.40	1397.75	1372.86	1344.26	1327.53
68	3.350	1568.12	1449.43	1397.79	1372.89	1344.31	1327.53
69	3.400	1568.14	1449.46	1397.82	1372.92	1344.35	1327.53
70	3.450	1568.21	1449.48	1397.86	1372.96	1344.39	1327.60
71	3.500	1568.28	1449.51	1397.89	1373.02	1344.40	1327.68
72	3.550	1568.35	1449.53	1397.92	1373.06	1344.43	1327.76
73	3.600	1568.43	1449.55	1397.95	1373.07	1344.45	1327.82
74	3.650	1568.49	1449.57	1397.98	1373.09	1344.48	1327.87
75	3.700	1568.56	1449.59	1398.01	1373.10	1344.50	1327.91
76	3.750	1568.63	1449.61	1398.03	1373.12	1344.53	1327.95
77	3.800	1568.70	1449.63	1398.05	1373.13	1344.55	1327.98
78	3.850	1568.77	1449.65	1398.07	1373.15	1344.58	1328.01
79	3.900	1568.84	1449.67	1398.08	1373.16	1344.62	1328.02
80	3.950	1568.92	1449.69	1398.10	1373.17	1344.69	1328.03
81	4.000	1569.01	1449.72	1398.11	1373.19	1344.81	1328.04
82	4.050	1569.09	1449.74	1398.13	1373.20	1344.90	1328.05
83	4.100	1569.17	1449.76	1398.14	1373.21	1344.95	1328.06
84	4.150	1569.25	1449.80	1398.16	1373.22	1344.99	1328.07
85	4.200	1569.33	1449.83	1398.17	1373.24	1345.02	1328.09
86	4.250	1569.41	1449.88	1398.18	1373.25	1345.04	1328.11
87	4.300	1569.49	1449.93	1398.20	1373.26	1345.06	1328.13
88	4.350	1569.57	1449.98	1398.22	1373.27	1345.09	1328.14
89	4.400	1569.64	1450.03	1398.23	1373.28	1345.11	1328.15
90	4.450	1569.79	1450.08	1398.25	1373.29	1345.13	1328.16
91	4.500	1569.93	1450.13	1398.27	1373.30	1345.15	1328.17
92	4.550	1570.07	1450.18	1398.28	1373.31	1345.17	1328.18
93	4.600	1570.21	1450.23	1398.30	1373.32	1345.20	1328.18
94	4.650	1570.34	1450.29	1398.33	1373.33	1345.22	1328.19
95	4.700	1570.47	1450.36	1398.35	1373.34	1345.24	1328.20
96	4.750	1570.60	1450.43	1398.38	1373.35	1345.27	1328.21
97	4.800	1570.73	1450.49	1398.42	1373.36	1345.30	1328.22
98	4.850	1570.86	1450.55	1398.47	1373.37	1345.33	1328.23
99	4.900	1570.98	1450.60	1398.51	1373.38	1345.36	1328.24
100	4.950	1571.10	1450.66	1398.55	1373.40	1345.39	1328.24
101	5.000	1571.20	1450.71	1398.59	1373.42	1345.42	1328.25
102	5.050	1571.31	1450.78	1398.63	1373.45	1345.44	1328.26
103	5.100	1571.42	1450.86	1398.67	1373.48	1345.46	1328.27
104	5.150	1571.49	1450.95	1398.71	1373.51	1345.49	1328.28
105	5.200	1571.55	1451.04	1398.76	1373.54	1345.51	1328.28
106	5.250	1571.61	1451.12	1398.81	1373.56	1345.53	1328.29
107	5.300	1571.67	1451.21	1398.88	1373.59	1345.56	1328.30
108	5.350	1571.73	1451.30	1398.94	1373.61	1345.58	1328.31
109	5.400	1571.79	1451.39	1399.01	1373.63	1345.61	1328.31
110	5.450	1571.85	1451.48	1399.07	1373.66	1345.65	1328.32
111	5.500	1571.91	1451.55	1399.12	1373.69	1345.69	1328.33
112	5.550	1571.96	1451.62	1399.18	1373.72	1345.73	1328.34
113	5.600	1572.02	1451.69	1399.24	1373.75	1345.78	1328.35
114	5.650	1572.06	1451.76	1399.33	1373.80	1345.84	1328.37
115	5.700	1572.10	1451.81	1399.43	1373.86	1345.89	1328.38
116	5.750	1572.07	1451.86	1399.53	1373.92	1345.94	1328.40
117	5.800	1572.05	1451.90	1399.61	1373.99	1346.01	1328.42
118	5.850	1572.02	1451.94	1399.67	1374.04	1346.06	1328.44
119	5.900	1571.99	1451.97	1399.74	1374.09	1346.10	1328.46
120	5.950	1571.97	1452.01	1399.81	1374.14	1346.15	1328.49
121	6.000	1571.94	1452.04	1399.89	1374.20	1346.19	1328.53

122	6.050	1571.92	1452.07	1399.95	1374.27	1346.25	1328.57
123	6.100	1571.89	1452.09	1400.01	1374.35	1346.32	1328.61
124	6.150	1571.81	1452.12	1400.05	1374.42	1346.39	1328.65
125	6.200	1571.72	1452.13	1400.08	1374.49	1346.48	1328.69
126	6.250	1571.63	1452.14	1400.11	1374.54	1346.57	1328.74
127	6.300	1571.54	1452.14	1400.13	1374.59	1346.65	1328.79
128	6.350	1571.45	1452.14	1400.16	1374.63	1346.73	1328.86
129	6.400	1571.35	1452.13	1400.18	1374.67	1346.82	1328.94
130	6.450	1571.24	1452.12	1400.20	1374.70	1346.93	1329.02
131	6.500	1571.12	1452.11	1400.22	1374.73	1347.03	1329.08
132	6.550	1571.01	1452.09	1400.23	1374.76	1347.11	1329.14
133	6.600	1570.88	1452.08	1400.24	1374.78	1347.19	1329.20
134	6.650	1570.75	1452.05	1400.25	1374.80	1347.25	1329.26
135	6.700	1570.61	1452.03	1400.25	1374.82	1347.30	1329.32
136	6.750	1570.48	1452.00	1400.24	1374.84	1347.36	1329.37
137	6.800	1570.33	1451.96	1400.24	1374.85	1347.40	1329.42
138	6.850	1570.19	1451.92	1400.23	1374.85	1347.43	1329.47
139	6.900	1570.05	1451.87	1400.22	1374.86	1347.46	1329.51
140	6.950	1569.91	1451.82	1400.21	1374.86	1347.49	1329.54
141	7.000	1569.75	1451.77	1400.19	1374.86	1347.51	1329.57
142	7.050	1569.59	1451.72	1400.17	1374.85	1347.53	1329.60
143	7.100	1569.43	1451.67	1400.15	1374.84	1347.54	1329.62
144	7.150	1569.26	1451.61	1400.12	1374.83	1347.55	1329.64
145	7.200	1569.09	1451.56	1400.10	1374.82	1347.55	1329.66
146	7.250	1568.91	1451.51	1400.07	1374.80	1347.55	1329.67
147	7.300	1568.72	1451.45	1400.04	1374.78	1347.55	1329.68
148	7.350	1568.66	1451.38	1400.01	1374.76	1347.54	1329.68
149	7.400	1568.62	1451.32	1399.97	1374.74	1347.54	1329.69
150	7.450	1568.57	1451.26	1399.93	1374.72	1347.53	1329.68
151	7.500	1568.53	1451.19	1399.89	1374.69	1347.52	1329.68
152	7.550	1568.48	1451.13	1399.85	1374.67	1347.50	1329.67
153	7.600	1568.44	1451.06	1399.81	1374.64	1347.49	1329.66
154	7.650	1568.39	1450.99	1399.78	1374.62	1347.47	1329.65
155	7.700	1568.34	1450.92	1399.74	1374.59	1347.44	1329.64
156	7.750	1568.29	1450.85	1399.69	1374.56	1347.42	1329.62
157	7.800	1568.24	1450.78	1399.64	1374.54	1347.39	1329.60
158	7.850	1568.20	1450.71	1399.59	1374.51	1347.36	1329.58
159	7.900	1568.15	1450.63	1399.55	1374.48	1347.33	1329.56

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K	TTP(K)	QC(K,I),I=1,NTT)					
*****	********	**********					
1	.000	.80	.93	1.19	1.28	2.00	2.58
2	.050	1.07	.97	1.16	1.37	2.39	3.11
3	.100	1.34	.94	1.18	1.34	2.36	2.77
4	.150	1.61	.98	1.17	1.34	2.47	2.94
5	.200	1.88	.96	1.17	1.35	2.39	2.78
6	.250	2.15	.98	1.18	1.34	2.45	3.00
7	.300	2.43	.98	1.17	1.35	2.40	2.88
8	.350	2.70	.99	1.17	1.34	2.45	3.03
9	.400	2.97	1.00	1.17	1.35	2.41	2.93
10	.450	3.24	1.01	1.17	1.34	2.44	3.04
11	.500	3.51	1.02	1.17	1.35	2.42	2.96
12	.550	3.78	1.02	1.17	1.34	2.44	3.04
13	.600	4.05	1.03	1.17	1.35	2.42	2.98

14	.650	4.32	1.04	1.17	1.34	2.44	3.03
15	.700	4.59	1.04	1.17	1.35	2.42	2.99
16	.750	4.86	1.04	1.17	1.34	2.44	3.03
17	.800	5.13	1.05	1.17	1.35	2.43	3.00
18	.850	5.40	1.05	1.17	1.34	2.44	3.03
19	.900	5.68	1.05	1.17	1.35	2.43	3.00
20	.950	5.95	1.05	1.17	1.34	2.43	3.02
21	1.000	6.22	1.05	1.17	1.35	2.43	3.01
22	1.050	6.49	1.03	1.17	1.34	2.43	3.02
23	1.100	6.76	1.06	1.17	1.35	2.43	3.01
24	1.150	7.03	1.14	1.17	1.34	2.43	3.02
25	1.200	7.30	1.09	1.17	1.35	2.43	3.01
26	1.250	7.57	1.05	1.17	1.34	2.43	3.02
27	1.300	7.84	1.23	1.17	1.35	2.43	3.01
28	1.350	8.11	1.50	1.17	1.34	2.43	3.02
29	1.400	8.38	1.80	1.17	1.35	2.43	3.01
30	1.450	8.65	2.10	1.17	1.34	2.43	3.02
31	1.500	8.93	2.59	1.17	1.35	2.43	3.01
32	1.550	9.20	3.11	1.17	1.34	2.43	3.02
33	1.600	9.47	3.55	1.17	1.35	2.43	3.02
34	1.650	9.74	4.03	1.17	1.34	2.43	3.02
35	1.700	10.01	4.49	1.17	1.35	2.43	3.02
36	1.750	10.28	4.90	1.17	1.34	2.43	3.02
37	1.800	10.55	5.28	1.17	1.35	2.43	3.02
38	1.850	10.82	5.69	1.17	1.35	2.43	3.02
39	1.900	11.09	6.06	1.17	1.35	2.43	3.02
40	1.950	11.36	6.45	1.17	1.35	2.43	3.02
41	2.000	11.63	6.86	1.20	1.35	2.43	3.02
42	2.050	11.90	7.22	1.29	1.35	2.43	3.02
43	2.100	12.18	7.57	1.46	1.35	2.43	3.02
44	2.150	12.45	7.92	1.76	1.35	2.43	3.02
45	2.200	12.72	8.24	2.19	1.35	2.43	3.02
46	2.250	12.99	8.53	2.84	1.35	2.43	3.02
47	2.300	13.26	8.81	3.58	1.35	2.43	3.02
48	2.350	13.53	9.09	4.32	1.35	2.43	3.02
49	2.400	13.80	9.37	4.94	1.36	2.43	3.02
50	2.450	14.07	9.63	5.58	1.40	2.43	3.02
51	2.500	14.34	9.90	6.11	1.49	2.43	3.02
52	2.550	14.61	10.16	6.53	1.64	2.43	3.02
53	2.600	14.88	10.41	6.94	1.85	2.43	3.02
54	2.650	15.16	10.70	7.34	2.54	2.43	3.02
55	2.700	15.43	10.93	7.72	3.89	2.43	3.02
56	2.750	15.70	11.15	8.07	4.84	2.43	3.02
57	2.800	15.97	11.39	8.40	5.39	2.43	3.02
58	2.850	16.24	11.65	8.72	5.86	2.43	3.02
59	2.900	16.51	11.92	9.08	6.21	2.43	3.02
60	2.950	16.78	12.17	9.44	6.53	2.43	3.02
61	3.000	17.05	12.40	9.76	6.82	2.44	3.02
62	3.050	17.32	12.63	10.06	7.09	2.45	3.02
63	3.100	17.59	12.89	10.35	7.35	2.56	3.02
64	3.150	17.86	13.17	10.62	7.59	3.36	3.02
65	3.200	18.13	13.44	10.89	7.84	4.48	3.02
66	3.250	18.41	13.68	11.15	8.07	5.22	3.01
67	3.300	18.68	13.93	11.41	8.30	5.60	2.91
68	3.350	18.95	14.19	11.69	8.53	5.87	2.91
69	3.400	19.22	14.44	12.00	8.75	6.12	3.09
70	3.450	20.03	14.70	12.30	9.04	6.34	3.81
71	3.500	20.84	14.95	12.55	9.58	6.56	4.42
72	3.550	21.66	15.29	12.79	10.64	6.73	4.90
73	3.600	22.47	15.51	13.04	10.79	6.94	5.23

74	3.650	23.28	15.78	13.32	11.23	7.10	5.52
75	3.700	24.10	16.01	13.67	11.48	7.29	5.77
76	3.750	24.91	16.26	13.99	11.82	7.46	6.00
77	3.800	25.72	16.51	14.25	12.10	7.64	6.20
78	3.850	26.54	16.79	14.50	12.40	7.86	6.58
79	3.900	27.35	17.07	14.75	12.68	8.22	7.00
80	3.950	28.44	17.35	14.98	12.97	8.84	7.24
81	4.000	29.52	17.63	15.20	13.26	9.83	7.48
82	4.050	30.61	17.90	15.42	13.55	10.57	7.77
83	4.100	31.69	18.20	15.65	13.83	11.03	8.14
84	4.150	32.78	18.59	15.88	14.09	11.38	8.67
85	4.200	33.86	19.07	16.11	14.33	11.68	9.35
86	4.250	34.95	19.64	16.34	14.56	11.96	10.00
87	4.300	36.04	20.29	16.59	14.79	12.21	10.54
88	4.350	37.12	21.00	16.85	15.00	12.46	10.99
89	4.400	38.21	21.83	17.10	15.21	12.70	11.35
90	4.450	40.40	22.71	17.35	15.42	12.94	11.66
91	4.500	42.59	23.58	17.60	15.63	13.18	11.94
92	4.550	44.78	24.48	17.86	15.84	13.46	12.20
93	4.600	46.97	25.45	18.18	16.06	13.73	12.44
94	4.650	49.16	26.58	18.56	16.27	13.97	12.68
95	4.700	51.36	27.83	18.97	16.50	14.21	12.92
96	4.750	53.55	29.04	19.48	16.72	14.47	13.27
97	4.800	55.74	30.20	20.13	16.95	14.76	13.62
98	4.850	57.93	31.47	20.86	17.19	15.09	13.91
99	4.900	60.12	32.71	21.63	17.45	15.39	14.17
100	4.950	62.31	33.97	22.48	17.82	15.66	14.44
101	5.000	64.51	35.36	23.33	18.36	15.91	14.72
102	5.050	66.70	37.10	24.19	18.95	16.14	15.02
103	5.100	68.89	39.08	25.07	19.55	16.37	15.30
104	5.150	70.10	41.15	25.96	20.39	16.61	15.58
105	5.200	71.31	43.43	26.97	21.31	16.88	15.83
106	5.250	72.51	45.95	28.25	22.08	17.17	16.07
107	5.300	73.72	48.59	29.70	22.84	17.49	16.31
108	5.350	74.93	51.39	31.17	23.61	17.86	16.56
109	5.400	76.14	54.06	32.69	24.39	18.30	16.84
110	5.450	77.35	56.56	34.41	25.21	18.80	17.14
111	5.500	78.56	59.20	36.03	26.08	19.35	17.46
112	5.550	79.77	61.75	37.69	27.07	19.97	17.83
113	5.600	80.98	64.17	39.77	28.26	20.70	18.25
114	5.650	81.77	66.54	42.58	29.83	21.40	18.72
115	5.700	82.57	68.56	45.71	31.84	22.08	19.25
116	5.750	82.02	70.23	48.82	34.01	22.88	19.84
117	5.800	81.47	71.72	51.88	36.00	23.88	20.49
118	5.850	80.93	73.11	54.59	38.26	25.10	21.16
119	5.900	80.38	74.43	57.38	40.53	26.20	21.91
120	5.950	79.83	75.72	60.50	43.01	27.36	23.00
121	6.000	79.28	77.04	63.48	46.02	28.69	24.49
122	6.050	78.73	78.29	66.05	49.45	30.17	25.86
123	6.100	78.18	79.40	68.30	53.13	32.04	27.06
124	6.150	76.37	80.33	70.42	56.58	34.12	28.32
125	6.200	74.56	80.99	72.08	59.53	36.48	29.73
126	6.250	72.75	81.33	73.51	62.56	39.35	31.37
127	6.300	70.94	81.35	74.86	65.23	42.22	33.29
128	6.350	69.13	81.14	76.14	67.61	45.08	35.57
129	6.400	67.32	80.78	77.35	69.85	48.44	38.19
130	6.450	65.02	80.31	78.47	71.83	51.97	41.31
131	6.500	62.71	79.76	79.42	73.55	55.71	44.92
132	6.550	60.41	79.11	80.16	75.03	59.51	48.31
133	6.600	58.10	78.31	80.66	76.34	62.71	51.96

134	6.650	55.80	77.35	80.91	77.51	65.45	55.61
135	6.700	53.49	76.16	80.93	78.58	67.86	59.01
136	6.750	51.19	74.77	80.75	79.45	70.25	62.03
137	6.800	48.88	73.32	80.41	80.09	72.33	64.86
138	6.850	46.58	71.74	79.93	80.50	74.00	67.62
139	6.900	44.27	70.02	79.32	80.71	75.45	70.09
140	6.950	41.97	68.19	78.57	80.69	76.70	72.12
141	7.000	39.66	66.34	77.70	80.49	77.83	73.81
142	7.050	37.36	64.56	76.66	80.13	78.81	75.26
143	7.100	35.05	62.73	75.45	79.61	79.58	76.55
144	7.150	32.75	60.84	74.08	78.95	80.13	77.69
145	7.200	30.44	58.90	72.58	78.17	80.40	78.64
146	7.250	28.14	56.91	70.96	77.26	80.41	79.39
147	7.300	25.83	54.99	69.28	76.21	80.23	79.92
148	7.350	25.28	52.97	67.59	74.98	79.90	80.21
149	7.400	24.74	50.99	66.07	73.65	79.46	80.26
150	7.450	24.19	49.19	64.47	72.25	78.94	80.13
151	7.500	23.65	47.38	62.83	70.79	78.26	79.83
152	7.550	23.10	45.50	61.18	69.33	77.41	79.41
153	7.600	22.55	43.57	59.60	67.88	76.47	78.87
154	7.650	22.01	41.59	58.10	66.40	75.39	78.19
155	7.700	21.46	39.76	56.45	64.86	74.16	77.39
156	7.750	20.91	37.99	54.60	63.26	72.84	76.46
157	7.800	20.37	36.32	52.64	61.61	71.45	75.39
158	7.850	19.82	34.67	50.67	59.98	70.01	74.17
159	7.900	19.28	32.96	48.78	58.49	68.66	72.84

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DISCHARGE HYDROGRAPH FOR POWERLINE RES. ... STATION NUMBER 1
BELOW POWERLINE FRS AT MILE .01

GAGE ZERO = 1565.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1572.10 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 7.10 FEET AT TIME = 5.700 HOURS
MAX FLOW = 82570 CFS AT TIME = 5.700 HOURS

TIME HR	STAGE FEET	FLOW CFS	0	20000	40000	60000	80000	100000
.0	.5	800	*	.	.	.	.	.
.2	.7	1883	.*	.	.	.	.	.
.4	1.0	2967	.*	.	.	.	.	.
.6	1.2	4050	. *	.	.	.	.	.
.8	1.4	5134	. *	.	.	.	.	.
1.0	1.6	6217	. *	.	.	.	.	.
1.2	1.8	7300	. *	.	.	.	.	.
1.4	1.9	8384	. *	.	.	.	.	.
1.6	2.1	9467	. *	.	.	.	.	.
1.8	2.2	10551	. *	.	.	.	.	.
2.0	2.3	11634	. *	.	.	.	.	.
2.2	2.5	12718	. *	.	.	.	.	.
2.4	2.6	13801	. *	.	.	.	.	.
2.6	2.7	14884	. *	.	.	.	.	.
2.8	2.8	15968	. *	.	.	.	.	.
3.0	2.9	17051	. *.		.	.	.	.
3.2	3.0	18135	. *.		.	.	.	.
3.4	3.1	19218	. *		.	.	.	.
3.6	3.4	22471	. .*		.	.	.	.
3.8	3.7	25724	. . *		.	.	.	.

4.0	4.0	29521	
4.2	4.3	33864	
4.4	4.6	38207	
4.6	5.2	46973	
4.8	5.7	55740	
5.0	6.2	64506	
5.2	6.6	71306	
5.4	6.8	76141	
5.6	7.0	80975	
5.8	7.0	81474	
6.0	6.9	79281	
6.2	6.7	74564	
6.4	6.4	67324	
6.6	5.9	58103	
6.8	5.3	48882	
7.0	4.8	39662	
7.2	4.1	30441	
7.4	3.6	24738	
7.6	3.4	22553	
7.8	3.2	20368	

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DISCHARGE HYDROGRAPH FOR POWERLINE RES. ... STATION NUMBER 22
BELOW POWERLINE FRS AT MILE 3.04

GAGE ZERO = 1444.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1452.14 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 8.14 FEET AT TIME = 6.300 HOURS
MAX FLOW = 81352 CFS AT TIME = 6.300 HOURS

TIME HR	STAGE FEET	FLOW CFS	0 20000 40000 60000 80000 100000
.0	2.3	927	
.2	2.3	960	
.4	2.3	999	
.6	2.3	1030	
.8	2.3	1046	
1.0	2.3	1054	
1.2	2.4	1088	
1.4	2.8	1799	
1.6	3.5	3552	
1.8	4.0	5277	
2.0	4.3	6857	
2.2	4.6	8240	
2.4	4.8	9369	
2.6	5.0	10412	
2.8	5.1	11390	
3.0	5.2	12403	
3.2	5.3	13435	
3.4	5.5	14443	
3.6	5.6	15512	
3.8	5.6	16513	
4.0	5.7	17628	
4.2	5.8	19073	
4.4	6.0	21834	
4.6	6.2	25450	
4.8	6.5	30205	
5.0	6.7	35365	

5.2	7.0	43433	
5.4	7.4	54058	
5.6	7.7	64169	
5.8	7.9	71725	
6.0	8.0	77045	
6.2	8.1	80995	
6.4	8.1	80775	
6.6	8.1	78314	
6.8	8.0	73324	
7.0	7.8	66336	
7.2	7.6	58905	
7.4	7.3	50991	
7.6	7.1	43567	
7.8	6.8	36322	

1

DISCHARGE HYDROGRAPH FOR POWERLINE RES. ... STATION NUMBER 32
BELOW POWERLINE FRS AT MILE 4.71

GAGE ZERO = 1395.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1400.25 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 5.25 FEET AT TIME = 6.700 HOURS
MAX FLOW = 80934 CFS AT TIME = 6.700 HOURS

TIME HR	STAGE FEET	FLOW CFS	0 20000 40000 60000 80000 100000
.0	1.1	1188	
.2	1.1	1169	
.4	1.1	1172	
.6	1.1	1173	
.8	1.1	1172	
1.0	1.1	1172	
1.2	1.1	1172	
1.4	1.1	1172	
1.6	1.1	1172	
1.8	1.1	1172	
2.0	1.1	1198	
2.2	1.3	2190	
2.4	2.0	4944	
2.6	2.2	6936	
2.8	2.4	8399	
3.0	2.6	9763	
3.2	2.7	10888	
3.4	2.8	12002	
3.6	2.9	13043	
3.8	3.0	14254	
4.0	3.1	15200	
4.2	3.2	16110	
4.4	3.2	17102	
4.6	3.3	18183	
4.8	3.4	20132	
5.0	3.6	23331	
5.2	3.8	26975	
5.4	4.0	32687	
5.6	4.2	39774	
5.8	4.6	51882	
6.0	4.9	63476	
6.2	5.1	72078	

6.4	5.2	77352	
6.6	5.2	80661	
6.8	5.2	80413	
7.0	5.2	77697	
7.2	5.1	72581	
7.4	5.0	66065	
7.6	4.8	59595	
7.8	4.6	52642	

1

DISCHARGE HYDROGRAPH FOR POWERLINE RES. ... STATION NUMBER 42
BELOW POWERLINE FRS AT MILE 5.68

GAGE ZERO = 1370.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1374.86 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 4.86 FEET AT TIME = 6.950 HOURS
MAX FLOW = 80710 CFS AT TIME = 6.900 HOURS

TIME HR	STAGE FEET	FLOW CFS
.0	1.6	1278
.2	1.6	1347
.4	1.6	1348
.6	1.6	1346
.8	1.6	1346
1.0	1.6	1345
1.2	1.6	1345
1.4	1.6	1345
1.6	1.6	1345
1.8	1.6	1345
2.0	1.6	1345
2.2	1.6	1345
2.4	1.6	1359
2.6	1.8	1850
2.8	2.4	5390
3.0	2.6	6818
3.2	2.8	7836
3.4	2.9	8753
3.6	3.1	10793
3.8	3.1	12097
4.0	3.2	13258
4.2	3.2	14332
4.4	3.3	15211
4.6	3.3	16056
4.8	3.4	16951
5.0	3.4	18362
5.2	3.5	21305
5.4	3.6	24391
5.6	3.8	28263
5.8	4.0	36000
6.0	4.2	46020
6.2	4.5	59534
6.4	4.7	69847
6.6	4.8	76340
6.8	4.8	80089
7.0	4.9	80486
7.2	4.8	78172
7.4	4.7	73646

7.6	4.6	67875	. . . . * . .
7.8	4.5	61613	. . . .* . .

1

DISCHARGE HYDROGRAPH FOR POWERLINE RES. ... STATION NUMBER 52
BELOW POWERLINE FRS AT MILE 6.81

GAGE ZERO = 1342.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1347.55 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 5.55 FEET AT TIME = 7.250 HOURS
MAX FLOW = 80409 CFS AT TIME = 7.250 HOURS

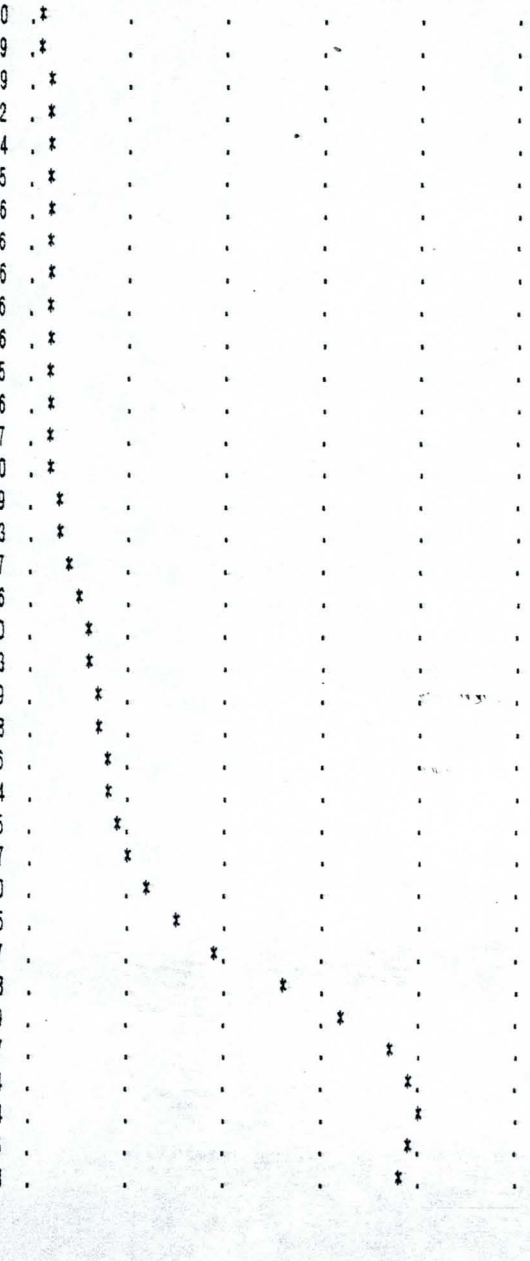
TIME HR	STAGE FEET	FLOW CFS	0 20000 40000 60000 80000 100000
.0	1.7	2003	.* . . . . .
.2	1.7	2395	.* . . . . .
.4	1.7	2412	.* . . . . .
.6	1.7	2421	.* . . . . .
.8	1.7	2426	.* . . . . .
1.0	1.7	2429	.* . . . . .
1.2	1.7	2430	.* . . . . .
1.4	1.7	2431	.* . . . . .
1.6	1.7	2431	.* . . . . .
1.8	1.7	2431	.* . . . . .
2.0	1.7	2431	.* . . . . .
2.2	1.7	2431	.* . . . . .
2.4	1.7	2431	.* . . . . .
2.6	1.7	2431	.* . . . . .
2.8	1.7	2431	.* . . . . .
3.0	1.7	2436	.* . . . . .
3.2	2.1	4480	. * . . . . .
3.4	2.4	6116	. * . . . . .
3.6	2.5	6936	. * . . . . .
3.8	2.5	7641	. * . . . . .
4.0	2.8	9827	. * . . . . .
4.2	3.0	11684	. * . . . . .
4.4	3.1	12705	. * . . . . .
4.6	3.2	13726	. * . . . . .
4.8	3.3	14764	. * . . . . .
5.0	3.4	15905	. * . . . . .
5.2	3.5	16880	. * . . . . .
5.4	3.6	18301	. *. . . . .
5.6	3.8	20696	. * . . . . .
5.8	4.0	23885	. . * . . . . .
6.0	4.2	28693	. . * . . . . .
6.2	4.5	36483	. . * . . . . .
6.4	4.8	48444	. . . * . . . .
6.6	5.2	62711	. . . .* . . .
6.8	5.4	72326	. . . . * . . .
7.0	5.5	77834	. . . . *. . .
7.2	5.6	80398	. . . . * . . .
7.4	5.5	79464	. . . . * . . .
7.6	5.5	76467	. . . . * . . .
7.8	5.4	71453	. . . . * . . .

1

DISCHARGE HYDROGRAPH FOR POWERLINE RES. ... STATION NUMBER 56
BELOW POWERLINE FRS AT MILE 7.42

GAGE ZERO = 1327.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1329.69 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 2.69 FEET AT TIME = 7.400 HOURS
MAX FLOW = 80264 CFS AT TIME = 7.400 HOURS

TIME HR	STAGE FEET	FLOW CFS
.0	.5	2577
.2	.5	2783
.4	.5	2932
.6	.5	2980
.8	.5	2999
1.0	.5	3009
1.2	.5	3012
1.4	.5	3014
1.6	.5	3015
1.8	.5	3016
2.0	.5	3016
2.2	.5	3016
2.4	.5	3016
2.6	.5	3016
2.8	.5	3015
3.0	.5	3016
3.2	.5	3017
3.4	.5	3090
3.6	.8	5229
3.8	1.0	6203
4.0	1.0	7477
4.2	1.1	9346
4.4	1.2	11350
4.6	1.2	12443
4.8	1.2	13619
5.0	1.3	14718
5.2	1.3	15826
5.4	1.3	16844
5.6	1.4	18245
5.8	1.4	20487
6.0	1.5	24490
6.2	1.7	29735
6.4	1.9	38187
6.6	2.2	51958
6.8	2.4	64859
7.0	2.6	73807
7.2	2.7	78644
7.4	2.7	80264
7.6	2.7	78866
7.8	2.6	75388



ROP7-4.OR1 - Rittenhouse

ANALYSIS OF THE DOWNSTREAM FLOOD HYDROGRAPH

PRODUCED BY THE DAM BREAK OF

RITTENHOUSE FRS

ON

RITTENHOUSE RES.

ANALYSIS BY

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PHOENIX, AZ 85016

BASED ON PROCEDURE DEVELOPED BY
DANNY L. FREAD, PH.D., SR. RESEARCH HYDROLOGIST

QUALITY CONTROL TESTING AND OTHER SUPPORT BY
JANICE M. LEWIS, RESEARCH HYDROLOGIST

HYDROLOGIC RESEARCH LABORATORY
W23, OFFICE OF HYDROLOGY
NOAA, NATIONAL WEATHER SERVICE
SILVER SPRING, MARYLAND 20910

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***                         ***
***  SUMMARY OF INPUT DATA  ***
***                         ***
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INPUT CONTROL PARAMETERS FOR RITTENHOUSE FRS

PARAMETER	VARIABLE	VALUE
NUMBER OF DYNAMIC ROUTING REACHES	KKN	9
TYPE OF RESERVOIR ROUTING	KUI	0
MULTIPLE DAM INDICATOR	MULDAM	0
PRINTING INSTRUCTIONS FOR INPUT SUMMARY	KDMP	3
NO. OF RESERVOIR INFLOW HYDROGRAPH POINTS	ITEH	14
INTERVAL OF CROSS-SECTION INFO PRINTED OUT WHEN JNK=9	NPRT	7
FLOOD-PLAIN MODEL PARAMETER	KFLP	1
METRIC INPUT/OUTPUT OPTION	METRIC	0

(NPT(K),K=1,NPRT) 1 24 64 93 125 140 164

DHF(INTERVAL BETWEEN INPUT HYDROGRAPH ORDINATES) = .00 HRS.

TEH(TIME AT WHICH COMPUTATIONS TERMINATE)= 18.0000 HRS.

BREX(BREACH EXPONENT) = 1.000

MUD(MUD FLOW OPTION) = 0

IWF(TYPE OF WAVE FRONT TRACKING) = 0

KPRES(WETTED PERIMETER OPTION) = 1

KSL(LANDSLIDE PARAMETER) = 0

INFLOW HYDROGRAPH TO RITTENHOUSE FRS

****

900.00 1335.00 3045.00 7178.00 21062.00 41268.00 41040.00 49081.00
50142.00 67291.00 71479.00 69911.00 10016.00 5942.00

TIME OF INFLOW HYDROGRAPH ORDINATES

.0000 3.6000 4.2000 4.8000 6.0000 6.4000 6.6000 7.4000
7.8000 8.6000 9.1000 9.4000 10.8000 11.2000

1

CROSS-SECTIONAL PARAMETERS FOR RITTENHOUSE RES.
BELOW RITTENHOUSE FRS

PARAMETER	VARIABLE	VALUE
NUMBER OF CROSS-SECTIONS	NS	7
MAXIMUM NUMBER OF TOP WIDTHS	NCS	7
NUMBER OF CROSS-SECTIONAL HYDROGRAPHS TO PLOT	NTT	4
TYPE OF OUTPUT OTHER THAN HYDROGRAPH PLOTS	JNK	9
CROSS-SECTIONAL SMOOTHING PARAMETER	KSA	0
DOWNSTREAM SUPERCRITICAL OR NOT	KSUPC	0
NO. OF LATERAL INFLOW HYDROGRAPHS	LQ	0
NO. OF POINTS IN GATE CONTROL CURVE	KCG	0

NUMBER OF CROSS-SECTION WHERE HYDROGRAPH DESIRED
(MAX NUMBER OF HYDROGRAPHS = 6)
****

1 3 5 7

CROSS-SECTIONAL VARIABLES FOR RITTENHOUSE RES.
BELOW RITTENHOUSE FRS

PARAMETER	UNITS	VARIABLE
LOCATION OF CROSS-SECTION	MILE	XS(I)
ELEVATION(MSL) OF FLOODING AT CROSS-SECTION	FEET	FSTG(I)

ELEV CORRESPONDING TO EACH TOP WIDTH	FEET	HS(K,I)
TOP WIDTH CORRESPONDING TO EACH ELEV (ACTIVE FLOW PORTION)	FEET	BS(K,I)
TOP WIDTH CORRESPONDING TO EACH ELEV (OFF-CHANNEL PORTION)	FEET	BSS(K,I)
NUMBER OF CROSS-SECTION		I
NUMBER OF ELEVATION LEVEL		K

1

CROSS-SECTION NUMBER 1
****

XS(I) = .010 FSTG(I) = .00

HS ...	1582.2	1582.3	1590.0	1592.0	1594.0	1596.0	1605.0
BS ...	.0	1300.0	1300.0	1300.0	1300.0	1300.0	1300.0
BSL ...	.0	.0	.0	5.0	10.0	20.0	20.0
BSR ...	.0	.0	.0	5.0	10.0	20.0	20.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 2
****

XS(I) = 1.640 FSTG(I) = .00

HS ...	1534.0	1536.0	1538.0	1539.0	1542.0	1545.0	1546.0
BS ...	.0	2100.0	5100.0	5100.0	5100.0	5100.0	5100.0
BSL ...	.0	.0	.0	1000.0	1500.0	2000.0	2000.0
BSR ...	.0	.0	.0	1000.0	1500.0	2000.0	2000.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 3
****

XS(I) = 4.730 FSTG(I) = .00

HS ...	1465.0	1466.0	1467.0	1468.0	1470.0	1472.0	1475.0
BS ...	.0	4700.0	5500.0	5500.0	5500.0	5500.0	5500.0
BSL ...	.0	.0	.0	2850.0	3050.0	4150.0	4150.0
BSR ...	.0	.0	.0	2850.0	3050.0	4150.0	4150.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 4
****

XS(I) = 5.460 FSTG(I) = .00

HS ...	1450.0	1452.0	1453.0	1454.0	1456.0	1457.0	1460.0
BS ...	.0	1900.0	2800.0	5500.0	5500.0	5500.0	5500.0
BSL ...	.0	.0	.0	2000.0	3700.0	5400.0	5400.0
BSR ...	.0	.0	.0	2000.0	3700.0	5400.0	5400.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 5
****

XS(I) = 7.450 FSTG(I) = .00

HS ...	1405.0	1406.0	1407.0	1408.0	1410.0	1412.0	1415.0
BS ...	.0	200.0	3900.0	5500.0	5500.0	5500.0	5500.0
BSL ...	.0	.0	.0	1000.0	3650.0	6400.0	6400.0
BSR ...	.0	.0	.0	1000.0	3650.0	6400.0	6400.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 6
****

XS(I) = 8.480 FSTG(I) = .00

HS ...	1388.0	1389.0	1390.0	1392.0	1393.0	1394.0	1396.0
BS ...	.0	2300.0	3200.0	5500.0	5500.0	5500.0	5500.0
BSL ...	.0	.0	.0	550.0	6200.0	6400.0	6400.0
BSR ...	.0	.0	.0	550.0	6200.0	6400.0	6400.0
BSS ...	.0	.0	.0	.0	.0	.0	.0

CROSS-SECTION NUMBER 7
****

XS(I) = 10.290 FSTG(I) = .00

HS ...	1355.0	1356.0	1357.0	1358.0	1360.0	1362.0	1370.0
BS ...	.0	2100.0	3700.0	5500.0	5500.0	5500.0	5500.0
BSL ...	.0	.0	.0	1350.0	4050.0	6400.0	6400.0
BSR ...	.0	.0	.0	1350.0	4050.0	6400.0	6400.0

```
BSS ...      .0      .0      .0      .0      .0      .0      .0
1


MANNING N ROUGHNESS COEFFICIENTS FOR THE GIVEN REACHES
      (CM(K,I),K=1,NCS) WHERE I = REACH NUMBER
*******************************************************

REACH  1 ...  .050   .050   .050   .050   .050   .050   .050

REACH  1 ...  .050   .050   .050   .050   .050   .050   .050

REACH  1 ...  .050   .050   .050   .050   .050   .050   .050

REACH  2 ...  .050   .050   .050   .050   .050   .050   .050

REACH  2 ...  .050   .050   .050   .050   .050   .050   .050

REACH  2 ...  .050   .050   .050   .050   .050   .050   .050

REACH  3 ...  .040   .040   .040   .040   .040   .040   .040

REACH  3 ...  .040   .040   .040   .040   .040   .040   .040

REACH  3 ...  .040   .040   .040   .040   .040   .040   .040

REACH  4 ...  .040   .040   .040   .040   .040   .040   .040

REACH  4 ...  .040   .040   .040   .040   .040   .040   .040

REACH  4 ...  .040   .040   .040   .040   .040   .040   .040

REACH  5 ...  .040   .040   .040   .040   .040   .040   .040

REACH  5 ...  .040   .040   .040   .040   .040   .040   .040

REACH  5 ...  .040   .040   .040   .040   .040   .040   .040

REACH  6 ...  .040   .040   .040   .040   .040   .040   .040

REACH  6 ...  .040   .040   .040   .040   .040   .040   .040

REACH  6 ...  .040   .040   .040   .040   .040   .040   .040


SNC ...     1.00    1.00    1.00    1.00    1.00    1.00    1.00
SNC ...     1.00    1.00    1.00    1.00    1.00    1.00    1.00
SNC ...     1.00    1.00    1.00    1.00    1.00    1.00    1.00
SNC ...     1.00    1.00    1.00    1.00    1.00    1.00    1.00
SNC ...     1.00    1.00    1.00    1.00    1.00    1.00    1.00
SNC ...     1.00    1.00    1.00    1.00    1.00    1.00    1.00
1
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CROSS-SECTIONAL VARIABLES FOR RITTENHOUSE RES.
BELOW RITTENHOUSE FRS

PARAMETER	UNITS	VARIABLE
MINIMUM COMPUTATIONAL DISTANCE USED BETWEEN CROSS-SECTIONS	MILE	DXM(I)
CONTRACTION - EXPANSION COEFFICIENTS BETWEEN CROSS-SECTIONS		FKC(I)

REACH NUMBER	DXM(I)	FKC(I)
1	.069	.000
2	.077	.000
3	.025	.000
4	.062	.000
5	.066	.000
6	.073	.000

1

DOWNSTREAM FLOW PARAMETERS FOR RITTENHOUSE RES.
BELOW RITTENHOUSE FRS

PARAMETER	UNITS	VARIABLE	VALUE
MAX DISCHARGE AT DOWNSTREAM EXTREMITY	CFS	QMAXD	.0
MAX LATERAL OUTFLOW PRODUCING LOSSES	CFS /FEET	QLL	.000
INITIAL SIZE OF TIME STEP	HOUR	DTHM	.0200
INITIAL WATER SURFACE ELEVATION DOWNSTREAM	FEET	YDN	.00
SLOPE OF CHANNEL DOWNSTREAM OF DAM	FPM	SOM	32.00
THETA WEIGHTING FACTOR		THETA	.00
CONVERGENCE CRITERION FOR STAGE	FEET	EPSY	.100
TIME AT WHICH DAM STARTS TO FAIL	HOUR	TFI	.00

```
      AT REACH=    1  DXM SHOULD BE CHANGED TO  .045  DUE TO EXP/CONTRACT CRITERIA
I=    1  XS=     .00     QS=    15634.     YE= 1585.00     DEP=  2.80     TP=  5.50     DXM=     .00
I=    2  XS=    1.63     QS=     3286.     YE= 1536.50     DEP=  2.50     TP=  6.26     DXM=     .07

      AT REACH=    2  DXM SHOULD BE CHANGED TO  .059  DUE TO (WAVE SPEED * DT) CRITERIA
I=    3  XS=    4.72     QS=     4826.     YE= 1466.10     DEP=  1.10     TP=  8.54     DXM=     .08
I=    4  XS=    5.45     QS=     4471.     YE= 1452.01     DEP=  2.01     TP=  9.01     DXM=     .03

      AT REACH=    4  DXM SHOULD BE CHANGED TO  .058  DUE TO (WAVE SPEED * DT) CRITERIA
I=    5  XS=    7.44     QS=     4062.     YE= 1407.07     DEP=  2.07     TP= 10.49     DXM=     .06

      AT REACH=    5  DXM SHOULD BE CHANGED TO  .057  DUE TO (WAVE SPEED * DT) CRITERIA
I=    6  XS=    8.47     QS=     3835.     YE= 1389.40     DEP=  1.40     TP= 11.27     DXM=     .07

      AT REACH=    6  DXM SHOULD BE CHANGED TO  .057  DUE TO (WAVE SPEED * DT) CRITERIA
I=    7  XS=   10.28     QS=     3753.     YE= 1356.42     DEP=  1.42     TP= 12.64     DXM=     .07

      COMPUTATIONS WILL USE THE FOLLOWING DXM VALUES

     .069    .077    .025    .062    .066    .073


      TOTAL NUMBER OF CROSS SECTIONS (ORIGINAL+INTERPOLATED) (N) =   164     (MAXIMUM ALLOWABLE =   200


1


                    ********************************
                    ********************************
                    ***                          ***
                    ***  SUMMARY OF OUTPUT DATA  ***
                    ***                          ***
                    ********************************
                    ********************************

1
                        BOTTOM                        REACH
   CROSS-SECTION        ELEVATION                     LENGTH      SLOPE
       NO.        MILE     FEET            REACH NO.   MILE       FPM                          MESAGE
        1         .01    1582.20
        2        1.64    1534.00               1        1.63      29.57
```

3	4.73	1465.00	2	3.09	22.33
4	5.46	1450.00	3	.73	20.55
5	7.45	1405.00	4	1.99	22.61
6	8.48	1388.00	5	1.03	16.50
7	10.29	1355.00	6	1.81	18.23

SLOPE INFORMATION FOR INPUT REACHES

REACH NO.	WATER ELEVATION FEET	HYDRAULIC DEPTH FEET	BOTTOM SLOPE FPM	DYNAMIC SLOPE FPM	TOTAL SLOPE FPM	CRITICAL SLOPE FPM	MANNING'S N
1	1558.10	.32	29.57	.04	29.61	281.91	.050
1	1559.15	.64	29.57	.05	29.62	223.75	.050
1	1564.00	3.03	29.57	.09	29.66	133.07	.050
1	1565.50	4.23	29.57	.10	29.67	119.02	.050
1	1568.00	7.03	29.57	.12	29.69	100.50	.050
1	1570.50	9.82	29.57	.13	29.70	89.88	.050
1	1575.50	12.45	29.57	.14	29.71	83.06	.050
2	1499.50	.33	22.33	.05	22.38	279.36	.050
2	1501.00	.65	22.33	.06	22.39	221.72	.050
2	1502.50	1.58	22.33	.08	22.41	165.27	.050
2	1503.50	2.58	22.33	.09	22.42	140.35	.050
2	1506.00	5.06	22.33	.12	22.45	112.12	.050
2	1508.50	7.54	22.33	.13	22.46	98.16	.050
2	1510.50	9.58	22.33	.15	22.48	90.64	.050
3	1457.50	.32	20.55	.04	20.59	179.75	.040
3	1459.00	.64	20.55	.05	20.60	142.67	.040
3	1460.00	1.41	20.55	.06	20.61	109.88	.040
3	1461.00	1.94	20.55	.07	20.62	98.77	.040
3	1463.00	3.94	20.55	.09	20.64	78.00	.040
3	1464.50	5.44	20.55	.10	20.65	70.05	.040
3	1467.50	8.44	20.55	.12	20.67	60.51	.040
4	1427.50	.48	22.61	.04	22.65	157.77	.040
4	1429.00	.95	22.61	.05	22.67	125.22	.040
4	1430.00	.96	22.61	.05	22.67	125.10	.040
4	1431.00	1.39	22.61	.06	22.67	110.49	.040
4	1433.00	3.39	22.61	.08	22.70	82.04	.040
4	1434.50	4.89	22.61	.09	22.71	72.60	.040
4	1437.50	7.89	22.61	.11	22.73	61.89	.040

5	1396.50	.25	16.50	.04	16.54	195.57	.040
5	1397.50	.50	16.50	.05	16.55	155.22	.040
5	1398.50	.85	16.50	.06	16.56	129.95	.040
5	1400.00	1.77	16.50	.08	16.58	101.88	.040
5	1401.50	3.27	16.50	.09	16.60	83.02	.040
5	1403.00	4.77	16.50	.11	16.61	73.20	.040
5	1405.50	7.27	16.50	.12	16.63	63.60	.040

6	1371.50	.25	18.23	.04	18.27	195.57	.040
6	1372.50	.50	18.23	.05	18.28	155.22	.040
6	1373.50	1.14	18.23	.06	18.29	118.02	.040
6	1375.00	1.92	18.23	.07	18.31	99.08	.040
6	1376.50	3.42	18.23	.09	18.32	81.75	.040
6	1378.00	4.92	18.23	.10	18.34	72.42	.040
6	1383.00	9.92	18.23	.13	18.37	57.33	.040

```
QKT(K)=          0.       10235.       35563.       71958.      117905.      172487.      235063.      305151.
QKT(K)=     382366.      466393.      556965.      653854.      756860.      865806.      980534.     1100902.
QKT(K)=    1226782.     1358071.     1494685.     1636541.     1783562.     1935674.     2092811.     2254906.
QKT(K)=    2421844.     2593581.     2770175.     2951582.     3137945.     3329294.     3525286.     3725861.
QKT(K)=    3930961.     4140535.     4354531.     4572902.     4795603.     5022589.     5253819.     5489253.
QKT(K)=    5728853.     5972582.     6220404.     6472285.     6728192.     6988092.
QKT(K)=          0.       10235.       35563.       71958.      117905.      172487.      235063.      305151.
QKT(K)=     382366.      466393.      556965.      653854.      756860.      865806.      980534.     1100902.
QKT(K)=    1226782.     1358071.     1494685.     1636541.     1783562.     1935674.     2092811.     2254906.
QKT(K)=    2421844.     2593581.     2770175.     2951582.     3137945.     3329294.     3525286.     3725861.
QKT(K)=    3930961.     4140535.     4354531.     4572902.     4795603.     5022589.     5253819.     5489253.
QKT(K)=    5728853.     5972582.     6220404.     6472285.     6728192.     6988092.
L=   14    ERQK=  2.00    NCV(I)= 14
HCV(K,I)=    1582.20     1583.20     1584.20     1585.20     1586.20     1587.20     1588.20     1589.70
HCV(K,I)=    1591.70     1593.70     1596.20     1599.20     1603.20     1604.70
QCV(K,I)=          0.      35563.     117905.     235063.     382366.     556965.     756860.    1100902.
QCV(K,I)=    1636541.    2254906.    3137945.    4354531.    6220404.    6988092.

SNC(K,1)=     1.00     1.00     1.00     1.00     1.00     1.00     1.00
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NUMBER OF INTERMEDIATE STATIONS NN(NS) 164

NUMBER OF TIME STEPS NNU 14

INITIAL CONDITIONS

I=	1	X=	.010	YN=	1582.75	DEPN=	.55	YC=	1582.49	DEPC=	.29	IFR=	0	ITN=	11	ITC=	11
I=	2	X=	.081	YN=	1580.69	DEPN=	.58	YC=	1580.44	DEPC=	.33	IFR=	0	ITN=	11	ITC=	11
I=	3	X=	.152	YN=	1578.62	DEPN=	.61	YC=	1578.38	DEPC=	.37	IFR=	0	ITN=	11	ITC=	11
I=	4	X=	.223	YN=	1576.56	DEPN=	.64	YC=	1576.33	DEPC=	.41	IFR=	0	ITN=	11	ITC=	11
I=	5	X=	.293	YN=	1574.50	DEPN=	.68	YC=	1574.26	DEPC=	.44	IFR=	0	ITN=	11	ITC=	11
I=	6	X=	.364	YN=	1572.44	DEPN=	.71	YC=	1572.20	DEPC=	.47	IFR=	0	ITN=	11	ITC=	11
I=	7	X=	.435	YN=	1570.38	DEPN=	.75	YC=	1570.12	DEPC=	.50	IFR=	0	ITN=	10	ITC=	10
I=	8	X=	.506	YN=	1568.32	DEPN=	.79	YC=	1568.05	DEPC=	.52	IFR=	0	ITN=	10	ITC=	10
I=	9	X=	.577	YN=	1566.26	DEPN=	.83	YC=	1565.98	DEPC=	.55	IFR=	0	ITN=	10	ITC=	10
I=	10	X=	.648	YN=	1564.20	DEPN=	.86	YC=	1563.89	DEPC=	.55	IFR=	0	ITN=	10	ITC=	10
I=	11	X=	.719	YN=	1562.14	DEPN=	.89	YC=	1561.82	DEPC=	.57	IFR=	0	ITN=	10	ITC=	10
I=	12	X=	.790	YN=	1560.05	DEPN=	.90	YC=	1559.74	DEPC=	.59	IFR=	0	ITN=	10	ITC=	10
I=	13	X=	.860	YN=	1557.98	DEPN=	.93	YC=	1557.66	DEPC=	.61	IFR=	0	ITN=	10	ITC=	10
I=	14	X=	.931	YN=	1555.89	DEPN=	.94	YC=	1555.57	DEPC=	.61	IFR=	0	ITN=	10	ITC=	10
I=	15	X=	1.002	YN=	1553.82	DEPN=	.96	YC=	1553.49	DEPC=	.63	IFR=	0	ITN=	10	ITC=	10
I=	16	X=	1.073	YN=	1551.74	DEPN=	.98	YC=	1551.40	DEPC=	.64	IFR=	0	ITN=	10	ITC=	10
I=	17	X=	1.144	YN=	1549.66	DEPN=	.99	YC=	1549.32	DEPC=	.65	IFR=	0	ITN=	10	ITC=	10
I=	18	X=	1.215	YN=	1547.58	DEPN=	1.01	YC=	1547.23	DEPC=	.66	IFR=	0	ITN=	10	ITC=	10
I=	19	X=	1.286	YN=	1545.49	DEPN=	1.02	YC=	1545.14	DEPC=	.67	IFR=	0	ITN=	10	ITC=	10
I=	20	X=	1.357	YN=	1543.42	DEPN=	1.04	YC=	1543.07	DEPC=	.68	IFR=	0	ITN=	10	ITC=	10
I=	21	X=	1.427	YN=	1541.33	DEPN=	1.04	YC=	1540.97	DEPC=	.69	IFR=	0	ITN=	10	ITC=	10
I=	22	X=	1.498	YN=	1539.25	DEPN=	1.06	YC=	1538.89	DEPC=	.70	IFR=	0	ITN=	10	ITC=	10
I=	23	X=	1.569	YN=	1537.16	DEPN=	1.07	YC=	1536.80	DEPC=	.70	IFR=	0	ITN=	10	ITC=	10
I=	24	X=	1.640	YN=	1535.13	DEPN=	1.13	YC=	1534.71	DEPC=	.71	IFR=	0	ITN=	10	ITC=	10
I=	25	X=	1.717	YN=	1533.39	DEPN=	1.11	YC=	1532.97	DEPC=	.69	IFR=	0	ITN=	10	ITC=	10
I=	26	X=	1.794	YN=	1531.65	DEPN=	1.10	YC=	1531.24	DEPC=	.69	IFR=	0	ITN=	10	ITC=	10
I=	27	X=	1.872	YN=	1529.91	DEPN=	1.08	YC=	1529.50	DEPC=	.68	IFR=	0	ITN=	10	ITC=	10
I=	28	X=	1.949	YN=	1528.17	DEPN=	1.07	YC=	1527.76	DEPC=	.66	IFR=	0	ITN=	10	ITC=	10
I=	29	X=	2.026	YN=	1526.42	DEPN=	1.05	YC=	1526.03	DEPC=	.66	IFR=	0	ITN=	10	ITC=	10
I=	30	X=	2.103	YN=	1524.68	DEPN=	1.03	YC=	1524.30	DEPC=	.65	IFR=	0	ITN=	10	ITC=	10
I=	31	X=	2.181	YN=	1522.94	DEPN=	1.02	YC=	1522.56	DEPC=	.63	IFR=	0	ITN=	10	ITC=	10
I=	32	X=	2.258	YN=	1521.20	DEPN=	1.00	YC=	1520.83	DEPC=	.63	IFR=	0	ITN=	10	ITC=	10
I=	33	X=	2.335	YN=	1519.46	DEPN=	.99	YC=	1519.09	DEPC=	.61	IFR=	0	ITN=	10	ITC=	10
I=	34	X=	2.412	YN=	1517.72	DEPN=	.97	YC=	1517.35	DEPC=	.60	IFR=	0	ITN=	10	ITC=	10
I=	35	X=	2.490	YN=	1515.99	DEPN=	.97	YC=	1515.62	DEPC=	.60	IFR=	0	ITN=	10	ITC=	10
I=	36	X=	2.567	YN=	1514.25	DEPN=	.95	YC=	1513.88	DEPC=	.58	IFR=	0	ITN=	10	ITC=	10
I=	37	X=	2.644	YN=	1512.51	DEPN=	.94	YC=	1512.16	DEPC=	.58	IFR=	0	ITN=	10	ITC=	10
I=	38	X=	2.721	YN=	1510.77	DEPN=	.92	YC=	1510.42	DEPC=	.57	IFR=	0	ITN=	10	ITC=	10
I=	39	X=	2.799	YN=	1509.03	DEPN=	.91	YC=	1508.69	DEPC=	.57	IFR=	0	ITN=	10	ITC=	10
I=	40	X=	2.876	YN=	1507.30	DEPN=	.90	YC=	1506.95	DEPC=	.55	IFR=	0	ITN=	10	ITC=	10
I=	41	X=	2.953	YN=	1505.56	DEPN=	.89	YC=	1505.22	DEPC=	.55	IFR=	0	ITN=	10	ITC=	10
I=	42	X=	3.030	YN=	1503.82	DEPN=	.87	YC=	1503.49	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	43	X=	3.108	YN=	1502.08	DEPN=	.86	YC=	1501.76	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	44	X=	3.185	YN=	1500.35	DEPN=	.85	YC=	1500.02	DEPC=	.52	IFR=	0	ITN=	10	ITC=	10
I=	45	X=	3.262	YN=	1498.61	DEPN=	.84	YC=	1498.29	DEPC=	.52	IFR=	0	ITN=	10	ITC=	10
I=	46	X=	3.339	YN=	1496.88	DEPN=	.82	YC=	1496.56	DEPC=	.51	IFR=	0	ITN=	10	ITC=	10
I=	47	X=	3.417	YN=	1495.15	DEPN=	.82	YC=	1494.83	DEPC=	.50	IFR=	0	ITN=	10	ITC=	10
I=	48	X=	3.494	YN=	1493.41	DEPN=	.81	YC=	1493.09	DEPC=	.49	IFR=	0	ITN=	10	ITC=	10
I=	49	X=	3.571	YN=	1491.67	DEPN=	.79	YC=	1491.36	DEPC=	.49	IFR=	0	ITN=	10	ITC=	10
I=	50	X=	3.648	YN=	1489.94	DEPN=	.79	YC=	1489.63	DEPC=	.48	IFR=	0	ITN=	10	ITC=	10
I=	51	X=	3.726	YN=	1488.20	DEPN=	.77	YC=	1487.90	DEPC=	.47	IFR=	0	ITN=	10	ITC=	10
I=	52	X=	3.803	YN=	1486.46	DEPN=	.76	YC=	1486.17	DEPC=	.47	IFR=	0	ITN=	10	ITC=	10
I=	53	X=	3.880	YN=	1484.73	DEPN=	.76	YC=	1484.43	DEPC=	.46	IFR=	0	ITN=	10	ITC=	10
I=	54	X=	3.957	YN=	1482.99	DEPN=	.74	YC=	1482.71	DEPC=	.46	IFR=	0	ITN=	10	ITC=	10
I=	55	X=	4.035	YN=	1481.25	DEPN=	.73	YC=	1480.97	DEPC=	.44	IFR=	0	ITN=	10	ITC=	10
I=	56	X=	4.112	YN=	1479.53	DEPN=	.73	YC=	1479.24	DEPC=	.44	IFR=	0	ITN=	10	ITC=	10
I=	57	X=	4.189	YN=	1477.79	DEPN=	.71	YC=	1477.50	DEPC=	.43	IFR=	0	ITN=	10	ITC=	10
I=	58	X=	4.266	YN=	1476.06	DEPN=	.71	YC=	1475.78	DEPC=	.43	IFR=	0	ITN=	10	ITC=	10
I=	59	X=	4.344	YN=	1474.32	DEPN=	.70	YC=	1474.05	DEPC=	.43	IFR=	0	ITN=	10	ITC=	10
I=	60	X=	4.421	YN=	1472.58	DEPN=	.68	YC=	1472.31	DEPC=	.41	IFR=	0	ITN=	10	ITC=	10

I=	61	X=	4.498	YN=	1470.86	DEPN=	.68	YC=	1470.58	DEPC=	.41	IFR=	0	ITN=	9	ITC=	9
I=	62	X=	4.576	YN=	1469.11	DEPN=	.66	YC=	1468.85	DEPC=	.40	IFR=	0	ITN=	9	ITC=	9
I=	63	X=	4.653	YN=	1467.38	DEPN=	.66	YC=	1467.13	DEPC=	.40	IFR=	0	ITN=	9	ITC=	9
I=	64	X=	4.730	YN=	1465.65	DEPN=	.65	YC=	1465.40	DEPC=	.40	IFR=	0	ITN=	9	ITC=	9
I=	65	X=	4.755	YN=	1465.10	DEPN=	.62	YC=	1464.88	DEPC=	.40	IFR=	0	ITN=	9	ITC=	9
I=	66	X=	4.780	YN=	1464.60	DEPN=	.63	YC=	1464.37	DEPC=	.40	IFR=	0	ITN=	9	ITC=	9
I=	67	X=	4.806	YN=	1464.08	DEPN=	.63	YC=	1463.87	DEPC=	.42	IFR=	0	ITN=	9	ITC=	9
I=	68	X=	4.831	YN=	1463.59	DEPN=	.65	YC=	1463.35	DEPC=	.42	IFR=	0	ITN=	9	ITC=	9
I=	69	X=	4.856	YN=	1463.09	DEPN=	.67	YC=	1462.85	DEPC=	.44	IFR=	0	ITN=	9	ITC=	9
I=	70	X=	4.881	YN=	1462.57	DEPN=	.67	YC=	1462.34	DEPC=	.44	IFR=	0	ITN=	9	ITC=	9
I=	71	X=	4.906	YN=	1462.07	DEPN=	.69	YC=	1461.84	DEPC=	.46	IFR=	0	ITN=	9	ITC=	9
I=	72	X=	4.931	YN=	1461.57	DEPN=	.71	YC=	1461.32	DEPC=	.46	IFR=	0	ITN=	9	ITC=	9
I=	73	X=	4.957	YN=	1461.08	DEPN=	.73	YC=	1460.82	DEPC=	.48	IFR=	0	ITN=	9	ITC=	9
I=	74	X=	4.982	YN=	1460.56	DEPN=	.73	YC=	1460.31	DEPC=	.48	IFR=	0	ITN=	9	ITC=	9
I=	75	X=	5.007	YN=	1460.06	DEPN=	.75	YC=	1459.81	DEPC=	.50	IFR=	0	ITN=	9	ITC=	9
I=	76	X=	5.032	YN=	1459.56	DEPN=	.77	YC=	1459.29	DEPC=	.50	IFR=	0	ITN=	9	ITC=	9
I=	77	X=	5.057	YN=	1459.05	DEPN=	.77	YC=	1458.79	DEPC=	.52	IFR=	0	ITN=	9	ITC=	9
I=	78	X=	5.082	YN=	1458.55	DEPN=	.79	YC=	1458.28	DEPC=	.52	IFR=	0	ITN=	9	ITC=	9
I=	79	X=	5.108	YN=	1458.05	DEPN=	.81	YC=	1457.78	DEPC=	.54	IFR=	0	ITN=	9	ITC=	9
I=	80	X=	5.133	YN=	1457.55	DEPN=	.83	YC=	1457.26	DEPC=	.54	IFR=	0	ITN=	9	ITC=	9
I=	81	X=	5.158	YN=	1457.06	DEPN=	.85	YC=	1456.76	DEPC=	.56	IFR=	0	ITN=	9	ITC=	9
I=	82	X=	5.183	YN=	1456.56	DEPN=	.87	YC=	1456.27	DEPC=	.58	IFR=	0	ITN=	9	ITC=	9
I=	83	X=	5.208	YN=	1456.06	DEPN=	.89	YC=	1455.75	DEPC=	.58	IFR=	0	ITN=	9	ITC=	9
I=	84	X=	5.233	YN=	1455.54	DEPN=	.89	YC=	1455.25	DEPC=	.60	IFR=	0	ITN=	9	ITC=	9
I=	85	X=	5.259	YN=	1455.05	DEPN=	.91	YC=	1454.75	DEPC=	.62	IFR=	0	ITN=	9	ITC=	9
I=	86	X=	5.284	YN=	1454.55	DEPN=	.93	YC=	1454.24	DEPC=	.62	IFR=	0	ITN=	9	ITC=	9
I=	87	X=	5.309	YN=	1454.05	DEPN=	.95	YC=	1453.74	DEPC=	.63	IFR=	0	ITN=	9	ITC=	9
I=	88	X=	5.334	YN=	1453.57	DEPN=	.99	YC=	1453.24	DEPC=	.65	IFR=	0	ITN=	9	ITC=	9
I=	89	X=	5.359	YN=	1453.07	DEPN=	1.01	YC=	1452.74	DEPC=	.67	IFR=	0	ITN=	9	ITC=	9
I=	90	X=	5.384	YN=	1452.58	DEPN=	1.03	YC=	1452.25	DEPC=	.69	IFR=	0	ITN=	9	ITC=	9
I=	91	X=	5.410	YN=	1452.08	DEPN=	1.04	YC=	1451.73	DEPC=	.69	IFR=	0	ITN=	9	ITC=	9
I=	92	X=	5.435	YN=	1451.60	DEPN=	1.08	YC=	1451.23	DEPC=	.71	IFR=	0	ITN=	9	ITC=	9
I=	93	X=	5.460	YN=	1451.08	DEPN=	1.08	YC=	1450.73	DEPC=	.73	IFR=	0	ITN=	9	ITC=	9
I=	94	X=	5.522	YN=	1449.68	DEPN=	1.08	YC=	1449.35	DEPC=	.75	IFR=	0	ITN=	9	ITC=	9
I=	95	X=	5.584	YN=	1448.27	DEPN=	1.08	YC=	1447.94	DEPC=	.75	IFR=	0	ITN=	9	ITC=	9
I=	96	X=	5.647	YN=	1446.88	DEPN=	1.10	YC=	1446.53	DEPC=	.75	IFR=	0	ITN=	9	ITC=	9
I=	97	X=	5.709	YN=	1445.48	DEPN=	1.10	YC=	1445.13	DEPC=	.75	IFR=	0	ITN=	9	ITC=	9
I=	98	X=	5.771	YN=	1444.07	DEPN=	1.10	YC=	1443.72	DEPC=	.75	IFR=	0	ITN=	9	ITC=	9
I=	99	X=	5.833	YN=	1442.69	DEPN=	1.12	YC=	1442.33	DEPC=	.77	IFR=	0	ITN=	9	ITC=	9
I=	100	X=	5.895	YN=	1441.28	DEPN=	1.12	YC=	1440.93	DEPC=	.77	IFR=	0	ITN=	9	ITC=	9
I=	101	X=	5.957	YN=	1439.87	DEPN=	1.12	YC=	1439.52	DEPC=	.77	IFR=	0	ITN=	9	ITC=	9
I=	102	X=	6.020	YN=	1438.49	DEPN=	1.14	YC=	1438.13	DEPC=	.79	IFR=	0	ITN=	9	ITC=	9
I=	103	X=	6.082	YN=	1437.08	DEPN=	1.14	YC=	1436.73	DEPC=	.79	IFR=	0	ITN=	9	ITC=	9
I=	104	X=	6.144	YN=	1435.69	DEPN=	1.16	YC=	1435.32	DEPC=	.79	IFR=	0	ITN=	9	ITC=	9
I=	105	X=	6.206	YN=	1434.29	DEPN=	1.16	YC=	1433.94	DEPC=	.81	IFR=	0	ITN=	9	ITC=	9
I=	106	X=	6.268	YN=	1432.90	DEPN=	1.18	YC=	1432.53	DEPC=	.81	IFR=	0	ITN=	9	ITC=	9
I=	107	X=	6.331	YN=	1431.49	DEPN=	1.18	YC=	1431.12	DEPC=	.81	IFR=	0	ITN=	9	ITC=	9
I=	108	X=	6.393	YN=	1430.11	DEPN=	1.20	YC=	1429.74	DEPC=	.83	IFR=	0	ITN=	9	ITC=	9
I=	109	X=	6.455	YN=	1428.72	DEPN=	1.22	YC=	1428.33	DEPC=	.83	IFR=	0	ITN=	9	ITC=	9
I=	110	X=	6.517	YN=	1427.31	DEPN=	1.22	YC=	1426.94	DEPC=	.85	IFR=	0	ITN=	9	ITC=	9
I=	111	X=	6.579	YN=	1425.93	DEPN=	1.24	YC=	1425.54	DEPC=	.85	IFR=	0	ITN=	9	ITC=	9
I=	112	X=	6.642	YN=	1424.54	DEPN=	1.26	YC=	1424.15	DEPC=	.87	IFR=	0	ITN=	9	ITC=	9
I=	113	X=	6.704	YN=	1423.15	DEPN=	1.28	YC=	1422.76	DEPC=	.89	IFR=	0	ITN=	9	ITC=	9
I=	114	X=	6.766	YN=	1421.77	DEPN=	1.30	YC=	1421.38	DEPC=	.91	IFR=	0	ITN=	9	ITC=	9
I=	115	X=	6.828	YN=	1420.42	DEPN=	1.36	YC=	1419.97	DEPC=	.91	IFR=	0	ITN=	9	ITC=	9
I=	116	X=	6.890	YN=	1419.09	DEPN=	1.44	YC=	1418.58	DEPC=	.93	IFR=	0	ITN=	9	ITC=	9
I=	117	X=	6.952	YN=	1417.72	DEPN=	1.47	YC=	1417.22	DEPC=	.97	IFR=	0	ITN=	9	ITC=	9
I=	118	X=	7.015	YN=	1416.36	DEPN=	1.51	YC=	1415.83	DEPC=	.99	IFR=	0	ITN=	9	ITC=	9
I=	119	X=	7.077	YN=	1414.95	DEPN=	1.51	YC=	1414.44	DEPC=	1.01	IFR=	0	ITN=	9	ITC=	9
I=	120	X=	7.139	YN=	1413.56	DEPN=	1.53	YC=	1413.08	DEPC=	1.04	IFR=	0	ITN=	9	ITC=	9

I=	121	X=	7.201	YN=	1412.18	DEPN=	1.55	YC=	1411.71	DEPC=	1.08	IFR=	0	ITN=	9	ITC=	9
I=	122	X=	7.263	YN=	1410.77	DEPN=	1.55	YC=	1410.44	DEPC=	1.22	IFR=	0	ITN=	9	ITC=	9
I=	123	X=	7.326	YN=	1409.37	DEPN=	1.55	YC=	1409.07	DEPC=	1.26	IFR=	0	ITN=	9	ITC=	9
I=	124	X=	7.388	YN=	1407.96	DEPN=	1.55	YC=	1407.69	DEPC=	1.28	IFR=	0	ITN=	9	ITC=	9
I=	125	X=	7.450	YN=	1406.59	DEPN=	1.59	YC=	1406.30	DEPC=	1.30	IFR=	0	ITN=	9	ITC=	9
I=	126	X=	7.519	YN=	1405.38	DEPN=	1.51	YC=	1405.05	DEPC=	1.19	IFR=	0	ITN=	9	ITC=	9
I=	127	X=	7.587	YN=	1404.19	DEPN=	1.45	YC=	1403.71	DEPC=	.98	IFR=	0	ITN=	9	ITC=	9
I=	128	X=	7.656	YN=	1402.98	DEPN=	1.38	YC=	1402.47	DEPC=	.87	IFR=	0	ITN=	9	ITC=	9
I=	129	X=	7.725	YN=	1401.77	DEPN=	1.30	YC=	1401.27	DEPC=	.80	IFR=	0	ITN=	9	ITC=	9
I=	130	X=	7.793	YN=	1400.55	DEPN=	1.21	YC=	1400.09	DEPC=	.76	IFR=	0	ITN=	9	ITC=	9
I=	131	X=	7.862	YN=	1399.34	DEPN=	1.14	YC=	1398.91	DEPC=	.71	IFR=	0	ITN=	9	ITC=	9
I=	132	X=	7.931	YN=	1398.14	DEPN=	1.07	YC=	1397.75	DEPC=	.68	IFR=	0	ITN=	9	ITC=	9
I=	133	X=	7.999	YN=	1396.95	DEPN=	1.02	YC=	1396.59	DEPC=	.65	IFR=	0	ITN=	9	ITC=	9
I=	134	X=	8.068	YN=	1395.77	DEPN=	.97	YC=	1395.43	DEPC=	.63	IFR=	0	ITN=	9	ITC=	9
I=	135	X=	8.137	YN=	1394.61	DEPN=	.94	YC=	1394.27	DEPC=	.60	IFR=	0	ITN=	9	ITC=	9
I=	136	X=	8.205	YN=	1393.44	DEPN=	.91	YC=	1393.11	DEPC=	.58	IFR=	0	ITN=	9	ITC=	9
I=	137	X=	8.274	YN=	1392.29	DEPN=	.89	YC=	1391.97	DEPC=	.57	IFR=	0	ITN=	9	ITC=	9
I=	138	X=	8.343	YN=	1391.13	DEPN=	.86	YC=	1390.81	DEPC=	.54	IFR=	0	ITN=	9	ITC=	9
I=	139	X=	8.411	YN=	1389.98	DEPN=	.85	YC=	1389.67	DEPC=	.53	IFR=	0	ITN=	9	ITC=	9
I=	140	X=	8.480	YN=	1388.80	DEPN=	.80	YC=	1388.52	DEPC=	.52	IFR=	0	ITN=	9	ITC=	9
I=	141	X=	8.555	YN=	1387.44	DEPN=	.82	YC=	1387.15	DEPC=	.53	IFR=	0	ITN=	9	ITC=	9
I=	142	X=	8.631	YN=	1386.06	DEPN=	.81	YC=	1385.78	DEPC=	.53	IFR=	0	ITN=	9	ITC=	9
I=	143	X=	8.706	YN=	1384.68	DEPN=	.81	YC=	1384.40	DEPC=	.53	IFR=	0	ITN=	9	ITC=	9
I=	144	X=	8.782	YN=	1383.31	DEPN=	.81	YC=	1383.03	DEPC=	.53	IFR=	0	ITN=	9	ITC=	9
I=	145	X=	8.857	YN=	1381.95	DEPN=	.82	YC=	1381.65	DEPC=	.53	IFR=	0	ITN=	9	ITC=	9
I=	146	X=	8.932	YN=	1380.56	DEPN=	.81	YC=	1380.27	DEPC=	.52	IFR=	0	ITN=	9	ITC=	9
I=	147	X=	9.008	YN=	1379.19	DEPN=	.81	YC=	1378.89	DEPC=	.52	IFR=	0	ITN=	9	ITC=	9
I=	148	X=	9.083	YN=	1377.82	DEPN=	.82	YC=	1377.53	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	149	X=	9.159	YN=	1376.44	DEPN=	.81	YC=	1376.15	DEPC=	.52	IFR=	0	ITN=	10	ITC=	10
I=	150	X=	9.234	YN=	1375.07	DEPN=	.82	YC=	1374.78	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	151	X=	9.310	YN=	1373.70	DEPN=	.83	YC=	1373.41	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	152	X=	9.385	YN=	1372.33	DEPN=	.83	YC=	1372.03	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	153	X=	9.460	YN=	1370.95	DEPN=	.82	YC=	1370.66	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	154	X=	9.536	YN=	1369.57	DEPN=	.82	YC=	1369.28	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	155	X=	9.611	YN=	1368.20	DEPN=	.83	YC=	1367.91	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	156	X=	9.687	YN=	1366.82	DEPN=	.82	YC=	1366.54	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	157	X=	9.762	YN=	1365.45	DEPN=	.83	YC=	1365.16	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	158	X=	9.837	YN=	1364.08	DEPN=	.83	YC=	1363.79	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	159	X=	9.913	YN=	1362.70	DEPN=	.83	YC=	1362.41	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	160	X=	9.988	YN=	1361.33	DEPN=	.83	YC=	1361.03	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	161	X=	10.064	YN=	1359.96	DEPN=	.83	YC=	1359.66	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10
I=	162	X=	10.139	YN=	1358.59	DEPN=	.84	YC=	1358.29	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	163	X=	10.215	YN=	1357.22	DEPN=	.84	YC=	1356.91	DEPC=	.54	IFR=	0	ITN=	10	ITC=	10
I=	164	X=	10.290	YN=	1355.84	DEPN=	.84	YC=	1355.53	DEPC=	.53	IFR=	0	ITN=	10	ITC=	10

(IFR(I),I=1,N)

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

```
0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0
0   0   0   0

IN=  164    YNN=   1355.34    DEP=      .84
     I=  163    X=  10.215    QIL=     900.    YIL=  1357.21    DEP=      .83    ITB=   5
     I=  162    X=  10.139    QIL=     900.    YIL=  1358.59    DEP=      .84    ITB=   5
     I=  161    X=  10.064    QIL=     900.    YIL=  1359.96    DEP=      .83    ITB=   5
     I=  160    X=   9.988    QIL=     900.    YIL=  1361.33    DEP=      .83    ITB=   5
     I=  159    X=   9.913    QIL=     900.    YIL=  1362.71    DEP=      .83    ITB=   5
     I=  158    X=   9.837    QIL=     900.    YIL=  1364.08    DEP=      .83    ITB=   5
     I=  157    X=   9.762    QIL=     900.    YIL=  1365.45    DEP=      .83    ITB=   5
     I=  156    X=   9.687    QIL=     900.    YIL=  1366.83    DEP=      .83    ITB=   5
     I=  155    X=   9.611    QIL=     900.    YIL=  1368.20    DEP=      .83    ITB=   5
     I=  154    X=   9.536    QIL=     900.    YIL=  1369.58    DEP=      .83    ITB=   5
     I=  153    X=   9.460    QIL=     900.    YIL=  1370.95    DEP=      .82    ITB=   5
     I=  152    X=   9.385    QIL=     900.    YIL=  1372.32    DEP=      .82    ITB=   5
     I=  151    X=   9.310    QIL=     900.    YIL=  1373.70    DEP=      .82    ITB=   5
     I=  150    X=   9.234    QIL=     900.    YIL=  1375.07    DEP=      .82    ITB=   5
     I=  149    X=   9.159    QIL=     900.    YIL=  1376.44    DEP=      .82    ITB=   5
     I=  148    X=   9.083    QIL=     900.    YIL=  1377.82    DEP=      .82    ITB=   5
     I=  147    X=   9.008    QIL=     900.    YIL=  1379.19    DEP=      .82    ITB=   5
     I=  146    X=   8.932    QIL=     900.    YIL=  1380.57    DEP=      .82    ITB=   5
     I=  145    X=   8.857    QIL=     900.    YIL=  1381.94    DEP=      .82    ITB=   4
     I=  144    X=   8.782    QIL=     900.    YIL=  1383.31    DEP=      .81    ITB=   4
     I=  143    X=   8.706    QIL=     900.    YIL=  1384.69    DEP=      .81    ITB=   4
     I=  142    X=   8.631    QIL=     900.    YIL=  1386.06    DEP=      .81    ITB=   4
     I=  141    X=   8.555    QIL=     900.    YIL=  1387.44    DEP=      .81    ITB=   4
     I=  140    X=   8.480    QIL=     900.    YIL=  1388.81    DEP=      .81    ITB=   4
     I=  139    X=   8.411    QIL=     900.    YIL=  1389.98    DEP=      .85    ITB=   5
     I=  138    X=   8.343    QIL=     900.    YIL=  1391.12    DEP=      .86    ITB=   5
     I=  137    X=   8.274    QIL=     900.    YIL=  1392.29    DEP=      .89    ITB=   5
     I=  136    X=   8.205    QIL=     900.    YIL=  1393.44    DEP=      .91    ITB=   5
     I=  135    X=   8.137    QIL=     900.    YIL=  1394.61    DEP=      .94    ITB=   5
     I=  134    X=   8.068    QIL=     900.    YIL=  1395.77    DEP=      .97    ITB=   5
     I=  133    X=   7.999    QIL=     900.    YIL=  1396.95    DEP=     1.01    ITB=   5
     I=  132    X=   7.931    QIL=     900.    YIL=  1398.13    DEP=     1.06    ITB=   6
     I=  131    X=   7.862    QIL=     900.    YIL=  1399.33    DEP=     1.13    ITB=   6
     I=  130    X=   7.793    QIL=     900.    YIL=  1400.54    DEP=     1.20    ITB=   6
     I=  129    X=   7.725    QIL=     900.    YIL=  1401.75    DEP=     1.29    ITB=   6
     I=  128    X=   7.656    QIL=     900.    YIL=  1402.97    DEP=     1.37    ITB=   5
     I=  127    X=   7.587    QIL=     900.    YIL=  1404.18    DEP=     1.44    ITB=   5
     I=  126    X=   7.519    QIL=     900.    YIL=  1405.38    DEP=     1.51    ITB=   5
     I=  125    X=   7.450    QIL=     900.    YIL=  1406.58    DEP=     1.58    ITB=   5
     I=  124    X=   7.388    QIL=     900.    YIL=  1407.93    DEP=     1.52    ITB=   5
     I=  123    X=   7.326    QIL=     900.    YIL=  1409.38    DEP=     1.57    ITB=   5
     I=  122    X=   7.263    QIL=     900.    YIL=  1410.75    DEP=     1.53    ITB=   5
     I=  121    X=   7.201    QIL=     900.    YIL=  1412.18    DEP=     1.56    ITB=   5
     I=  120    X=   7.139    QIL=     900.    YIL=  1413.56    DEP=     1.53    ITB=   6
     I=  119    X=   7.077    QIL=     900.    YIL=  1414.97    DEP=     1.53    ITB=   6
     I=  118    X=   7.015    QIL=     900.    YIL=  1416.35    DEP=     1.51    ITB=   6
     I=  117    X=   6.952    QIL=     900.    YIL=  1417.74    DEP=     1.49    ITB=   6
     I=  116    X=   6.890    QIL=     900.    YIL=  1419.11    DEP=     1.45    ITB=   6
     I=  115    X=   6.828    QIL=     900.    YIL=  1420.46    DEP=     1.40    ITB=   7
     I=  114    X=   6.766    QIL=     900.    YIL=  1421.79    DEP=     1.32    ITB=   7
     I=  113    X=   6.704    QIL=     900.    YIL=  1423.15    DEP=     1.28    ITB=   5
     I=  112    X=   6.642    QIL=     900.    YIL=  1424.55    DEP=     1.27    ITB=   6
     I=  111    X=   6.579    QIL=     900.    YIL=  1425.93    DEP=     1.24    ITB=   6
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I=	110	X=	6.517	QIL=	900.	YIL=	1427.33	DEP=	1.23	ITB=	6
I=	109	X=	6.455	QIL=	900.	YIL=	1428.72	DEP=	1.22	ITB=	5
I=	108	X=	6.393	QIL=	900.	YIL=	1430.11	DEP=	1.20	ITB=	5
I=	107	X=	6.331	QIL=	900.	YIL=	1431.50	DEP=	1.19	ITB=	5
I=	106	X=	6.268	QIL=	900.	YIL=	1432.90	DEP=	1.18	ITB=	5
I=	105	X=	6.206	QIL=	900.	YIL=	1434.29	DEP=	1.17	ITB=	5
I=	104	X=	6.144	QIL=	900.	YIL=	1435.69	DEP=	1.16	ITB=	5
I=	103	X=	6.082	QIL=	900.	YIL=	1437.09	DEP=	1.15	ITB=	5
I=	102	X=	6.020	QIL=	900.	YIL=	1438.49	DEP=	1.14	ITB=	5
I=	101	X=	5.957	QIL=	900.	YIL=	1439.88	DEP=	1.13	ITB=	5
I=	100	X=	5.895	QIL=	900.	YIL=	1441.28	DEP=	1.13	ITB=	5
I=	99	X=	5.833	QIL=	900.	YIL=	1442.68	DEP=	1.12	ITB=	5
I=	98	X=	5.771	QIL=	900.	YIL=	1444.08	DEP=	1.11	ITB=	5
I=	97	X=	5.709	QIL=	900.	YIL=	1445.48	DEP=	1.11	ITB=	5
I=	96	X=	5.647	QIL=	900.	YIL=	1446.88	DEP=	1.10	ITB=	5
I=	95	X=	5.584	QIL=	900.	YIL=	1448.28	DEP=	1.09	ITB=	5
I=	94	X=	5.522	QIL=	900.	YIL=	1449.68	DEP=	1.09	ITB=	5
I=	93	X=	5.460	QIL=	900.	YIL=	1451.08	DEP=	1.08	ITB=	5
I=	92	X=	5.435	QIL=	900.	YIL=	1451.61	DEP=	1.09	ITB=	5
I=	91	X=	5.410	QIL=	900.	YIL=	1452.09	DEP=	1.06	ITB=	6
I=	90	X=	5.384	QIL=	900.	YIL=	1452.59	DEP=	1.04	ITB=	5
I=	89	X=	5.359	QIL=	900.	YIL=	1453.08	DEP=	1.01	ITB=	5
I=	88	X=	5.334	QIL=	900.	YIL=	1453.58	DEP=	.99	ITB=	5
I=	87	X=	5.309	QIL=	900.	YIL=	1454.07	DEP=	.97	ITB=	5
I=	86	X=	5.284	QIL=	900.	YIL=	1454.57	DEP=	.95	ITB=	5
I=	85	X=	5.259	QIL=	900.	YIL=	1455.06	DEP=	.92	ITB=	6
I=	84	X=	5.233	QIL=	900.	YIL=	1455.56	DEP=	.91	ITB=	5
I=	83	X=	5.208	QIL=	900.	YIL=	1456.06	DEP=	.89	ITB=	6
I=	82	X=	5.183	QIL=	900.	YIL=	1456.56	DEP=	.87	ITB=	6
I=	81	X=	5.158	QIL=	900.	YIL=	1457.06	DEP=	.85	ITB=	6
I=	80	X=	5.133	QIL=	900.	YIL=	1457.56	DEP=	.83	ITB=	6
I=	79	X=	5.108	QIL=	900.	YIL=	1458.06	DEP=	.82	ITB=	6
I=	78	X=	5.082	QIL=	900.	YIL=	1458.56	DEP=	.80	ITB=	6
I=	77	X=	5.057	QIL=	900.	YIL=	1459.06	DEP=	.79	ITB=	6
I=	76	X=	5.032	QIL=	900.	YIL=	1459.56	DEP=	.77	ITB=	6
I=	75	X=	5.007	QIL=	900.	YIL=	1460.07	DEP=	.76	ITB=	6
I=	74	X=	4.982	QIL=	900.	YIL=	1460.57	DEP=	.74	ITB=	6
I=	73	X=	4.957	QIL=	900.	YIL=	1461.07	DEP=	.73	ITB=	6
I=	72	X=	4.931	QIL=	900.	YIL=	1461.58	DEP=	.71	ITB=	6
I=	71	X=	4.906	QIL=	900.	YIL=	1462.08	DEP=	.70	ITB=	6
I=	70	X=	4.881	QIL=	900.	YIL=	1462.58	DEP=	.69	ITB=	6
I=	69	X=	4.856	QIL=	900.	YIL=	1463.09	DEP=	.67	ITB=	6
I=	68	X=	4.831	QIL=	900.	YIL=	1463.59	DEP=	.66	ITB=	6
I=	67	X=	4.806	QIL=	900.	YIL=	1464.09	DEP=	.65	ITB=	6
I=	66	X=	4.780	QIL=	900.	YIL=	1464.60	DEP=	.63	ITB=	6
I=	65	X=	4.755	QIL=	900.	YIL=	1465.10	DEP=	.62	ITB=	6
I=	64	X=	4.730	QIL=	900.	YIL=	1465.61	DEP=	.61	ITB=	6
I=	63	X=	4.653	QIL=	900.	YIL=	1467.41	DEP=	.68	ITB=	4
I=	62	X=	4.576	QIL=	900.	YIL=	1469.09	DEP=	.64	ITB=	5
I=	61	X=	4.498	QIL=	900.	YIL=	1470.87	DEP=	.69	ITB=	4
I=	60	X=	4.421	QIL=	900.	YIL=	1472.57	DEP=	.67	ITB=	4
I=	59	X=	4.344	QIL=	900.	YIL=	1474.33	DEP=	.70	ITB=	4
I=	58	X=	4.266	QIL=	900.	YIL=	1476.05	DEP=	.70	ITB=	4
I=	57	X=	4.189	QIL=	900.	YIL=	1477.79	DEP=	.72	ITB=	4
I=	56	X=	4.112	QIL=	900.	YIL=	1479.52	DEP=	.72	ITB=	4
I=	55	X=	4.035	QIL=	900.	YIL=	1481.26	DEP=	.74	ITB=	4
I=	54	X=	3.957	QIL=	900.	YIL=	1482.99	DEP=	.74	ITB=	4
I=	53	X=	3.880	QIL=	900.	YIL=	1484.73	DEP=	.76	ITB=	4
I=	52	X=	3.803	QIL=	900.	YIL=	1486.46	DEP=	.76	ITB=	4
I=	51	X=	3.726	QIL=	900.	YIL=	1488.20	DEP=	.78	ITB=	4

I=	50	X=	3.648	QIL=	900.	YIL=	1489.93	DEP=	.78	ITB=	4
I=	49	X=	3.571	QIL=	900.	YIL=	1491.67	DEP=	.80	ITB=	4
I=	48	X=	3.494	QIL=	900.	YIL=	1493.41	DEP=	.81	ITB=	4
I=	47	X=	3.417	QIL=	900.	YIL=	1495.14	DEP=	.82	ITB=	4
I=	46	X=	3.339	QIL=	900.	YIL=	1496.88	DEP=	.83	ITB=	4
I=	45	X=	3.262	QIL=	900.	YIL=	1498.61	DEP=	.84	ITB=	4
I=	44	X=	3.185	QIL=	900.	YIL=	1500.35	DEP=	.85	ITB=	4
I=	43	X=	3.108	QIL=	900.	YIL=	1502.09	DEP=	.86	ITB=	4
I=	42	X=	3.030	QIL=	900.	YIL=	1503.82	DEP=	.87	ITB=	4
I=	41	X=	2.953	QIL=	900.	YIL=	1505.56	DEP=	.89	ITB=	4
I=	40	X=	2.876	QIL=	900.	YIL=	1507.30	DEP=	.90	ITB=	4
I=	39	X=	2.799	QIL=	900.	YIL=	1509.04	DEP=	.91	ITB=	4
I=	38	X=	2.721	QIL=	900.	YIL=	1510.77	DEP=	.92	ITB=	4
I=	37	X=	2.644	QIL=	900.	YIL=	1512.51	DEP=	.94	ITB=	4
I=	36	X=	2.567	QIL=	900.	YIL=	1514.25	DEP=	.95	ITB=	4
I=	35	X=	2.490	QIL=	900.	YIL=	1515.99	DEP=	.96	ITB=	4
I=	34	X=	2.412	QIL=	900.	YIL=	1517.73	DEP=	.98	ITB=	4
I=	33	X=	2.335	QIL=	900.	YIL=	1519.47	DEP=	.99	ITB=	4
I=	32	X=	2.258	QIL=	900.	YIL=	1521.20	DEP=	1.00	ITB=	4
I=	31	X=	2.181	QIL=	900.	YIL=	1522.94	DEP=	1.02	ITB=	4
I=	30	X=	2.103	QIL=	900.	YIL=	1524.68	DEP=	1.03	ITB=	4
I=	29	X=	2.026	QIL=	900.	YIL=	1526.43	DEP=	1.05	ITB=	4
I=	28	X=	1.949	QIL=	900.	YIL=	1528.17	DEP=	1.07	ITB=	4
I=	27	X=	1.872	QIL=	900.	YIL=	1529.91	DEP=	1.08	ITB=	4
I=	26	X=	1.794	QIL=	900.	YIL=	1531.65	DEP=	1.10	ITB=	4
I=	25	X=	1.717	QIL=	900.	YIL=	1533.39	DEP=	1.12	ITB=	4
I=	24	X=	1.640	QIL=	900.	YIL=	1535.14	DEP=	1.14	ITB=	4
I=	23	X=	1.569	QIL=	900.	YIL=	1537.12	DEP=	1.03	ITB=	4
I=	22	X=	1.498	QIL=	900.	YIL=	1539.28	DEP=	1.09	ITB=	4
I=	21	X=	1.427	QIL=	900.	YIL=	1541.32	DEP=	1.03	ITB=	4
I=	20	X=	1.357	QIL=	900.	YIL=	1543.43	DEP=	1.05	ITB=	4
I=	19	X=	1.286	QIL=	900.	YIL=	1545.49	DEP=	1.01	ITB=	4
I=	18	X=	1.215	QIL=	900.	YIL=	1547.59	DEP=	1.02	ITB=	4
I=	17	X=	1.144	QIL=	900.	YIL=	1549.66	DEP=	.99	ITB=	4
I=	16	X=	1.073	QIL=	900.	YIL=	1551.75	DEP=	.98	ITB=	4
I=	15	X=	1.002	QIL=	900.	YIL=	1553.82	DEP=	.96	ITB=	4
I=	14	X=	.931	QIL=	900.	YIL=	1555.91	DEP=	.95	ITB=	4
I=	13	X=	.860	QIL=	900.	YIL=	1557.98	DEP=	.93	ITB=	4
I=	12	X=	.790	QIL=	900.	YIL=	1560.06	DEP=	.91	ITB=	4
I=	11	X=	.719	QIL=	900.	YIL=	1562.13	DEP=	.89	ITB=	4
I=	10	X=	.648	QIL=	900.	YIL=	1564.20	DEP=	.86	ITB=	5
I=	9	X=	.577	QIL=	900.	YIL=	1566.26	DEP=	.83	ITB=	5
I=	8	X=	.506	QIL=	900.	YIL=	1568.32	DEP=	.79	ITB=	5
I=	7	X=	.435	QIL=	900.	YIL=	1570.38	DEP=	.76	ITB=	5
I=	6	X=	.364	QIL=	900.	YIL=	1572.44	DEP=	.72	ITB=	5
I=	5	X=	.293	QIL=	900.	YIL=	1574.50	DEP=	.69	ITB=	5
I=	4	X=	.223	QIL=	900.	YIL=	1576.56	DEP=	.65	ITB=	5
I=	3	X=	.152	QIL=	900.	YIL=	1578.62	DEP=	.62	ITB=	5
I=	2	X=	.081	QIL=	900.	YIL=	1580.69	DEP=	.58	ITB=	5
I=	1	X=	.010	QIL=	900.	YIL=	1582.75	DEP=	.55	ITB=	5

INITIAL CONDITIONS

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      (QDI(I),I=1,N)
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
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    900.     900.     900.     900.     900.     900.     900.     900.
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    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.     900.     900.     900.     900.
    900.     900.     900.     900.
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      (YI(I),I=1,N)
  1582.75  1580.69  1578.62  1576.56  1574.50  1572.44  1570.38  1568.32
  1566.26  1564.20  1562.13  1560.06  1557.98  1555.91  1553.82  1551.75
  1549.66  1547.59  1545.49  1543.43  1541.32  1539.28  1537.12  1535.14
  1533.39  1531.65  1529.91  1528.17  1526.43  1524.68  1522.94  1521.20
  1519.47  1517.73  1515.99  1514.25  1512.51  1510.77  1509.04  1507.30
  1505.56  1503.82  1502.09  1500.35  1498.61  1496.88  1495.14  1493.41
  1491.67  1489.93  1488.20  1486.46  1484.73  1482.99  1481.26  1479.52
  1477.79  1476.05  1474.33  1472.57  1470.87  1469.09  1467.41  1465.61
  1465.10  1464.60  1464.09  1463.59  1463.09  1462.58  1462.08  1461.58
  1461.07  1460.57  1460.07  1459.56  1459.06  1458.56  1458.06  1457.56
  1457.06  1456.56  1456.06  1455.56  1455.06  1454.57  1454.07  1453.58
  1453.08  1452.59  1452.09  1451.61  1451.08  1449.68  1448.28  1446.88
  1445.48  1444.08  1442.68  1441.28  1439.88  1438.49  1437.09  1435.69
  1434.29  1432.90  1431.50  1430.11  1428.72  1427.33  1425.93  1424.55
  1423.15  1421.79  1420.46  1419.11  1417.74  1416.35  1414.97  1413.56
  1412.18  1410.75  1409.38  1407.93  1406.58  1405.38  1404.18  1402.97
  1401.75  1400.54  1399.33  1398.13  1396.95  1395.77  1394.61  1393.44
  1392.29  1391.12  1389.98  1388.81  1387.44  1386.06  1384.69  1383.31
  1381.94  1380.57  1379.19  1377.82  1376.44  1375.07  1373.70  1372.32
  1370.95  1369.58  1368.20  1366.83  1365.45  1364.08  1362.71  1361.33
  1359.96  1358.59  1357.21  1355.84
1
0  PROFILE OF INVERT ELEVATION (HS) AND INITIAL WATER SURFACE ELEVATION (YI) ALONG WATERWAY (X)
                 X(MILES)     HST(FEET) -- "*"     YI(FEET) -- "+"
0                                                                                                  X      HS      YI   DEPTH
    .      .      .      .      .      .      .      .      .      .     *+     .01 1582.20 1582.75     .55
    .      .      .      .      .      .      .      .      .      .      .
    .      .      .      .      .      .      .      .      .      .      .
    .      .      .      .      .      .      .      .     *+.     .      .    1.64 1534.00 1535.14    1.14
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D   .       .       .       .       .       .       .       .       .       .       .
I   .       .       .       .       .       .       .       .       .       .       .
S   .       .       .       .       .     + .       .       .       .       .       .    4.73 1465.00 1465.61     .61
T   .       .       .       .       .       .       .       .       .       .       .
A   .       .       .       .      .+       .       .       .       .       .       .    5.46 1450.00 1451.08    1.08
N   .       .       .       .       .       .       .       .       .       .       .
C   .       .       .       .       .       .       .       .       .       .       .
E   .       .       .       .       .       .       .       .       .       .       .
    .       .       .*+     .       .       .       .       .       .       .       .    7.45 1405.00 1406.58    1.58
    .       .       .       .       .       .       .       .       .       .       .
    .       .   +   .       .       .       .       .       .       .       .       .    8.48 1388.00 1388.81     .81
    .       .       .       .       .       .       .       .       .       .       .
    .       .       .       .       .       .       .       .       .       .       .
    .       .       .       .       .       .       .       .       .       .       .
    +       .       .       .       .       .       .       .       .       .       .   10.29 1355.00 1355.84     .84
   1355.0  1377.8  1400.5  1423.3  1446.1  1468.9  1491.6  1514.4  1537.2  1560.0  1582.7
0                                          ELEVATION
1
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TIME PARAMETERS OF OUTFLOW HYDROGRAPH IMMEDIATELY DOWNSTREAM OF DAM

PARAMETER	UNITS	VARIABLE	VALUE
TIME TO FAILURE	HR	TFH	9.100
TIME TO START OF RISING LIMB OF HYDROGRAPH	HR	TFO	.000
TIME TO PEAK	HR	TP	9.100
TIME STEP SIZE	HR	DTHI	.020

TT = .0000 DTH = .0200 ITERR = 0
QU(1) = 900.00 YU(1) = 1582.75 QU(N) = 900.00 YU(N) = 1355.84

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
1	.010	1582.75	1.39	0.	648.	0.	.90	.00	.56	.00	.00	.3	.55
24	1.640	1535.14	1.33	0.	677.	0.	.90	.00	.73	.00	.00	.3	1.14
64	4.730	1465.61	1.03	0.	870.	0.	.90	.00	.39	.00	.00	.3	.61
93	5.460	1451.08	1.61	0.	558.	0.	.90	.00	.77	.00	.00	.4	1.08
125	7.450	1406.58	1.07	0.	838.	0.	.90	.00	.44	.00	.00	.3	1.58
140	8.480	1388.81	1.19	0.	755.	0.	.90	.00	.63	.00	.00	.3	.81
164	10.290	1355.84	1.21	0.	745.	0.	.90	.00	.68	.00	.00	.3	.84

FRDM= .40 IIFR= 113 FRM= .26 IIFM= 63

TT = .0000 DTH = .0200 ITERR = 1
QU(1) = 900.00 YU(1) = 1582.75 QU(N) = 1239.66 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.39	0.	648.	0.	.90	.00	.56	.00	.00	.3	.55
24	1.640	1535.14	1.66	0.	677.	0.	1.13	.00	.92	.00	.00	.4	1.14
64	4.730	1465.64	2.64	0.	966.	0.	2.55	.00	1.22	.00	.03	.8	.64
93	5.460	1451.08	1.96	0.	558.	0.	1.10	.00	.94	.00	.00	.5	1.08
125	7.450	1406.61	2.47	0.	901.	0.	2.23	.00	1.15	.00	.03	.7	1.61
140	8.480	1388.81	1.83	0.	755.	0.	1.38	.00	.97	.00	.00	.5	.81
164	10.290	1355.89	1.49	0.	830.	0.	1.24	.00	1.02	.00	.05	.4	.89

FRDM= .98 IIFR= 124 FRM= .31 IIFM= 33

TT = .0000 DTH = .0200 ITERR = 1
QU(1) = 900.00 YU(1) = 1582.75 QU(N) = 1248.85 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.39	0.	648.	0.	.90	.00	.56	.00	.00	.3	.55
24	1.640	1535.14	1.53	0.	677.	0.	1.03	.00	.84	.00	.00	.4	1.14
64	4.730	1465.64	2.12	0.	966.	0.	2.04	.00	.97	.00	-.02	.7	.64
93	5.460	1451.08	1.81	0.	558.	0.	1.01	.00	.86	.00	.00	.4	1.08
125	7.450	1406.62	2.04	0.	937.	0.	1.91	.00	1.01	.00	.00	.6	1.62
140	8.480	1388.81	1.59	0.	755.	0.	1.20	.00	.85	.00	.00	.4	.81
164	10.290	1355.89	1.50	0.	830.	0.	1.25	.00	1.03	.00	-.02	.4	.89

FRDM= .84 IIFR= 124 FRM= .31 IIFM= 33

TT = .0200 DTH = .0200 ITERR = 1
QU(1) = 902.42 YU(1) = 1582.75 QU(N) = 1251.75 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.39	0.	648.	0.	.90	.00	.56	.00	.00	.3	.55
24	1.640	1535.14	1.61	0.	677.	0.	1.09	.00	.89	.00	.00	.4	1.14
64	4.730	1465.65	2.26	0.	998.	0.	2.25	.00	1.10	.00	.01	.7	.65
93	5.460	1451.08	1.89	0.	558.	0.	1.05	.00	.90	.00	.00	.5	1.08
125	7.450	1406.63	2.15	0.	961.	0.	2.06	.00	1.11	.00	.01	.6	1.63
140	8.480	1388.81	1.70	0.	755.	0.	1.28	.00	.90	.00	.00	.5	.81
164	10.290	1355.89	1.51	0.	830.	0.	1.25	.00	1.03	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 33

TT = .0400 DTH = .0200 ITERR = 1
QU(1) = 904.83 YU(1) = 1582.75 QU(N) = 1269.05 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.40	0.	648.	0.	.90	.00	.56	.00	.00	.3	.55
24	1.640	1535.14	1.57	0.	677.	0.	1.06	.00	.86	.00	.00	.4	1.14
64	4.730	1465.66	2.16	0.	1012.	0.	2.18	.00	1.08	.00	.01	.7	.66
93	5.460	1451.08	1.86	0.	558.	0.	1.04	.00	.89	.00	.00	.4	1.08
125	7.450	1406.64	2.08	0.	976.	0.	2.03	.00	1.10	.00	.02	.6	1.64
140	8.480	1388.81	1.65	0.	755.	0.	1.25	.00	.88	.00	.00	.5	.81

164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.04	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .31 IIFM= 33

TT = .0600 DTH = .0200 ITERR = 1
QU(1) = 907.25 YU(1) = 1582.75 QU(N) = 1264.49 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.40	0.	648.	0.	.91	.00	.56	.00	.00	.3	.55
24	1.640	1535.14	1.59	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.17	0.	1019.	0.	2.21	.00	1.10	.00	.02	.7	.66
93	5.460	1451.08	1.88	0.	558.	0.	1.05	.00	.90	.00	.00	.5	1.08
125	7.450	1406.64	2.08	0.	987.	0.	2.05	.00	1.13	.00	.02	.6	1.64
140	8.480	1388.81	1.67	0.	755.	0.	1.26	.00	.89	.00	.00	.5	.81
164	10.290	1355.89	1.52	0.	830.	0.	1.26	.00	1.04	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .31 IIFM= 33

TT = .0800 DTH = .0200 ITERR = 1
QU(1) = 909.67 YU(1) = 1582.75 QU(N) = 1271.43 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.40	0.	648.	0.	.91	.00	.57	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.15	0.	1024.	0.	2.20	.00	1.10	.00	.02	.7	.66
93	5.460	1451.08	1.88	0.	558.	0.	1.05	.00	.90	.00	.00	.5	1.08
125	7.450	1406.64	2.06	0.	994.	0.	2.05	.00	1.13	.00	.02	.6	1.64
140	8.480	1388.81	1.66	0.	755.	0.	1.26	.00	.88	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 33

TT = .1000 DTH = .0200 ITERR = 1
QU(1) = 912.08 YU(1) = 1582.75 QU(N) = 1270.00 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.41	0.	648.	0.	.91	.00	.57	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.14	0.	1027.	0.	2.20	.00	1.10	.00	.02	.7	.66
93	5.460	1451.08	1.90	0.	559.	0.	1.06	.00	.91	.00	.00	.5	1.08
125	7.450	1406.65	2.06	0.	1001.	0.	2.06	.00	1.14	.00	.03	.6	1.65
140	8.480	1388.81	1.67	0.	755.	0.	1.26	.00	.89	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.04	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 34

TT = .1200 DTH = .0200 ITERR = 1
QU(1) = 914.50 YU(1) = 1582.75 QU(N) = 1272.12 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.41	0.	648.	0.	.91	.00	.57	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14

64	4.730	1465.66	2.14	0.	1029.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.09	1.91	0.	563.	0.	1.07	.00	.91	.00	.00	.5	1.09
125	7.450	1406.65	2.05	0.	1006.	0.	2.06	.00	1.15	.00	.03	.6	1.65
140	8.480	1388.81	1.67	0.	755.	0.	1.26	.00	.89	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .88 IIFR= 124 FRM= .31 IIFM= 34

TT = .1400 DTH = .0200 ITERR = 1
QU(1) = 916.92 YU(1) = 1582.75 QU(N) = 1272.02 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.41	0.	648.	0.	.92	.00	.57	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.14	0.	1030.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.09	1.93	0.	569.	0.	1.10	.00	.93	.00	.01	.5	1.09
125	7.450	1406.65	2.04	0.	1009.	0.	2.06	.00	1.15	.00	.03	.6	1.65
140	8.480	1388.81	1.67	0.	755.	0.	1.26	.00	.88	.00	.00	.5	.31
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .88 IIFR= 124 FRM= .31 IIFM= 34

TT = .1600 DTH = .0200 ITERR = 1
QU(1) = 919.33 YU(1) = 1582.75 QU(N) = 1272.51 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.42	0.	648.	0.	.92	.00	.57	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1031.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.10	1.96	0.	577.	0.	1.13	.00	.95	.00	.02	.5	1.10
125	7.450	1406.65	2.04	0.	1011.	0.	2.06	.00	1.16	.00	.03	.6	1.65
140	8.480	1388.81	1.66	0.	755.	0.	1.25	.00	.88	.00	.00	.5	.31
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .88 IIFR= 124 FRM= .31 IIFM= 34

TT = .1800 DTH = .0200 ITERR = 1
QU(1) = 921.75 YU(1) = 1582.75 QU(N) = 1272.76 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.42	0.	648.	0.	.92	.00	.57	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1032.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.11	1.98	0.	585.	0.	1.16	.00	.97	.00	.03	.5	1.11
125	7.450	1406.65	2.04	0.	1013.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1388.81	1.66	0.	755.	0.	1.25	.00	.88	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .88 IIFR= 124 FRM= .32 IIFM= 34

TT = .2000 DTH = .0200 ITERR = 1
QU(1) = 924.17 YU(1) = 1582.75 QU(N) = 1273.00 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.43	0.	648.	0.	.92	.00	.58	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1032.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.12	2.01	0.	594.	0.	1.19	.00	.99	.00	.03	.5	1.12
125	7.450	1406.65	2.04	0.	1015.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1388.81	1.67	0.	755.	0.	1.26	.00	.89	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 34

TT = .2200 DTH = .0200 ITERR = 1
QU(1) = 926.58 YU(1) = 1582.75 QU(N) = 1273.09 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.43	0.	648.	0.	.93	.00	.58	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1032.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.13	2.03	0.	604.	0.	1.23	.00	1.01	.00	.04	.5	1.13
125	7.450	1406.65	2.03	0.	1016.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1388.81	1.67	0.	755.	0.	1.26	.00	.89	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 35

TT = .2400 DTH = .0200 ITERR = 1
QU(1) = 929.00 YU(1) = 1582.75 QU(N) = 1273.21 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.43	0.	648.	0.	.93	.00	.58	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1032.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.14	2.06	0.	613.	0.	1.26	.00	1.03	.00	.05	.5	1.14
125	7.450	1406.65	2.03	0.	1017.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1388.81	1.68	0.	755.	0.	1.26	.00	.89	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 35

TT = .2600 DTH = .0200 ITERR = 1
QU(1) = 931.42 YU(1) = 1582.75 QU(N) = 1273.18 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.44	0.	648.	0.	.93	.00	.58	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.15	2.09	0.	623.	0.	1.30	.00	1.05	.00	.06	.5	1.15
125	7.450	1406.65	2.03	0.	1018.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1388.81	1.66	0.	755.	0.	1.26	.00	.88	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 35

TT = .2800 DTH = .0200 ITERR = 1
QU(1) = 933.83 YU(1) = 1582.75 QU(N) = 1273.32 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.44	0.	648.	0.	.93	.00	.58	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.16	2.11	0.	634.	0.	1.34	.00	1.07	.00	.07	.5	1.16
125	7.450	1406.65	2.03	0.	1019.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1388.81	1.65	0.	755.	0.	1.25	.00	.88	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 35

TT = .3000 DTH = .0200 ITERR = 1
QU(1) = 936.25 YU(1) = 1582.75 QU(N) = 1273.29 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.44	0.	648.	0.	.94	.00	.58	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.17	2.14	0.	645.	0.	1.38	.00	1.10	.00	.08	.5	1.17
125	7.450	1406.65	2.03	0.	1019.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.81	1.63	0.	755.	0.	1.23	.00	.87	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 35

TT = .3200 DTH = .0200 ITERR = 1
QU(1) = 938.67 YU(1) = 1582.75 QU(N) = 1273.29 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.45	0.	648.	0.	.94	.00	.58	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.18	2.16	0.	657.	0.	1.42	.00	1.13	.00	.09	.5	1.18
125	7.450	1406.65	2.03	0.	1019.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.81	1.64	0.	755.	0.	1.24	.00	.87	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 35

TT = .3400 DTH = .0200 ITERR = 1
QU(1) = 941.08 YU(1) = 1582.75 QU(N) = 1273.30 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.45	0.	648.	0.	.94	.00	.59	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.19	2.19	0.	669.	0.	1.46	.00	1.16	.00	.10	.5	1.19
125	7.450	1406.65	2.03	0.	1019.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.81	1.68	0.	755.	0.	1.27	.00	.89	.00	.00	.5	.81

164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 35

TT = .3600 DTH = .0200 ITERR = 1
QU(1) = 943.50 YU(1) = 1582.75 QU(N) = 1273.30 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.46	0.	648.	0.	.34	.00	.59	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.20	2.21	0.	682.	0.	1.51	.00	1.19	.00	.11	.5	1.20
125	7.450	1406.65	2.03	0.	1019.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.81	1.71	0.	763.	0.	1.30	.00	.92	.00	.00	.5	.81
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 36

TT = .3800 DTH = .0200 ITERR = 1
QU(1) = 945.92 YU(1) = 1582.75 QU(N) = 1273.30 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.46	0.	648.	0.	.95	.00	.59	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.21	2.24	0.	696.	0.	1.56	.00	1.22	.00	.13	.5	1.21
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.84	1.70	0.	802.	0.	1.37	.00	1.01	.00	.03	.5	.84
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 36

TT = .4000 DTH = .0200 ITERR = 1
QU(1) = 948.33 YU(1) = 1582.75 QU(N) = 1273.28 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.46	0.	648.	0.	.95	.00	.59	.00	.00	.4	.55
24	1.640	1535.14	1.58	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.22	2.26	0.	711.	0.	1.61	.00	1.25	.00	.14	.5	1.22
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.87	1.67	0.	874.	0.	1.46	.00	1.16	.00	.06	.4	.87
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 36

TT = .4200 DTH = .0200 ITERR = 1
QU(1) = 950.75 YU(1) = 1582.75 QU(N) = 1273.30 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.47	0.	648.	0.	.95	.00	.59	.00	.00	.4	.55
24	1.640	1535.14	1.59	0.	677.	0.	1.07	.00	.87	.00	.00	.4	1.14

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.24	2.28	0.	726.	0.	1.66	.00	1.29	.00	.15	.5	1.24
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.91	1.61	0.	953.	0.	1.54	.00	1.32	.00	.10	.4	.91
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 36

TT = .4400 DTH = .0200 ITERR = 1
QU(1) = 953.17 YU(1) = 1582.75 QU(N) = 1273.28 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.47	0.	648.	0.	.95	.00	.59	.00	.00	.4	.55
24	1.640	1535.14	1.61	0.	677.	0.	1.09	.00	.89	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.25	2.31	0.	742.	0.	1.71	.00	1.33	.00	.17	.5	1.25
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.94	1.56	0.	1027.	0.	1.60	.00	1.46	.00	.13	.4	.94
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 36

TT = .4600 DTH = .0200 ITERR = 1
QU(1) = 955.58 YU(1) = 1582.75 QU(N) = 1273.29 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.47	0.	648.	0.	.96	.00	.59	.00	.00	.4	.55
24	1.640	1535.14	1.63	0.	677.	0.	1.11	.00	.90	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.26	2.33	0.	758.	0.	1.77	.00	1.37	.00	.18	.5	1.26
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1388.98	1.51	0.	1094.	0.	1.65	.00	1.58	.00	.17	.4	.93
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 36

TT = .4800 DTH = .0200 ITERR = 1
QU(1) = 958.00 YU(1) = 1582.75 QU(N) = 1273.28 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.48	0.	648.	0.	.96	.00	.60	.00	.00	.4	.55
24	1.640	1535.14	1.65	0.	681.	0.	1.13	.00	.91	.00	.00	.4	1.14
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.28	2.35	0.	775.	0.	1.82	.00	1.41	.00	.19	.5	1.28
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.00	1.47	0.	1154.	0.	1.70	.00	1.69	.00	.19	.4	1.00
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 36

TT = .5000 DTH = .0200 ITERR = 1
QU(1) = 960.42 YU(1) = 1582.75 QU(N) = 1273.30 YU(N) = 1355.89

164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .6600 DTH = .0200 ITERR = 1
QU(1) = 979.75 YU(1) = 1582.75 QU(N) = 1273.34 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.51	0.	648.	0.	.98	.00	.61	.00	.00	.4	.55
24	1.640	1535.20	1.77	0.	756.	0.	1.34	.00	1.05	.00	.06	.4	1.20
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.36	2.42	0.	872.	0.	2.11	.00	1.64	.00	.27	.5	1.35
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.05	1.58	0.	1258.	0.	1.99	.00	1.84	.00	.24	.4	1.05
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .6800 DTH = .0200 ITERR = 1
QU(1) = 982.17 YU(1) = 1582.75 QU(N) = 1273.34 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.51	0.	648.	0.	.98	.00	.61	.00	.00	.4	.55
24	1.640	1535.20	1.78	0.	762.	0.	1.35	.00	1.06	.00	.07	.4	1.20
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.36	2.43	0.	877.	0.	2.13	.00	1.65	.00	.28	.5	1.36
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.05	1.58	0.	1267.	0.	2.00	.00	1.84	.00	.24	.4	1.05
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .7000 DTH = .0200 ITERR = 1
QU(1) = 984.58 YU(1) = 1582.75 QU(N) = 1273.34 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.52	0.	648.	0.	.98	.00	.61	.00	.00	.4	.55
24	1.640	1535.21	1.78	0.	767.	0.	1.37	.00	1.07	.00	.07	.4	1.21
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.36	2.43	0.	881.	0.	2.14	.00	1.66	.00	.28	.5	1.36
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.05	1.57	0.	1277.	0.	2.01	.00	1.84	.00	.24	.4	1.05
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .7200 DTH = .0200 ITERR = 1
QU(1) = 987.00 YU(1) = 1582.75 QU(N) = 1273.36 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.52	0.	648.	0.	.99	.00	.61	.00	.00	.4	.55
24	1.640	1535.21	1.79	0.	773.	0.	1.38	.00	1.08	.00	.08	.4	1.21

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.36	2.43	0.	885.	0.	2.15	.00	1.67	.00	.28	.5	1.36
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.58	0.	1281.	0.	2.02	.00	1.85	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .7400 DTH = .0200 ITERR = 1
QU(1) = 989.42 YU(1) = 1582.75 QU(N) = 1273.23 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.53	0.	648.	0.	.99	.00	.62	.00	.00	.4	.55
24	1.640	1535.22	1.80	0.	778.	0.	1.40	.00	1.09	.00	.08	.4	1.22
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.43	0.	888.	0.	2.16	.00	1.68	.00	.28	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.59	0.	1281.	0.	2.03	.00	1.86	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .7600 DTH = .0200 ITERR = 1
QU(1) = 991.83 YU(1) = 1582.75 QU(N) = 1273.27 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.53	0.	648.	0.	.99	.00	.62	.00	.00	.4	.55
24	1.640	1535.22	1.80	0.	784.	0.	1.41	.00	1.10	.00	.09	.4	1.22
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.43	0.	890.	0.	2.16	.00	1.68	.00	.28	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.05	1.60	0.	1277.	0.	2.04	.00	1.87	.00	.24	.4	1.05
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .7800 DTH = .0200 ITERR = 1
QU(1) = 994.25 YU(1) = 1582.75 QU(N) = 1273.13 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.53	0.	648.	0.	.99	.00	.62	.00	.00	.4	.55
24	1.640	1535.23	1.81	0.	789.	0.	1.43	.00	1.11	.00	.09	.4	1.23
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.43	0.	892.	0.	2.17	.00	1.69	.00	.29	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.05	1.60	0.	1274.	0.	2.04	.00	1.88	.00	.24	.4	1.05
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .8000 DTH = .0200 ITERR = 1
QU(1) = 996.67 YU(1) = 1582.75 QU(N) = 1273.15 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.54	0.	648.	0.	1.00	.00	.62	.00	.00	.4	.55
24	1.640	1535.23	1.81	0.	794.	0.	1.44	.00	1.12	.00	.09	.4	1.23
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.43	0.	893.	0.	2.17	.00	1.69	.00	.29	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.05	1.60	0.	1276.	0.	2.04	.00	1.87	.00	.24	.4	1.05
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .8200 DTH = .0200 ITERR = 1
QU(1) = 999.08 YU(1) = 1582.75 QU(N) = 1273.18 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.54	0.	648.	0.	1.00	.00	.62	.00	.00	.4	.55
24	1.640	1535.23	1.82	0.	799.	0.	1.45	.00	1.13	.00	.10	.4	1.23
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.43	0.	894.	0.	2.18	.00	1.69	.00	.29	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1281.	0.	2.05	.00	1.87	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .8400 DTH = .0200 ITERR = 1
QU(1) = 1001.50 YU(1) = 1582.75 QU(N) = 1273.04 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.54	0.	648.	0.	1.00	.00	.62	.00	.00	.4	.55
24	1.640	1535.24	1.82	0.	805.	0.	1.47	.00	1.14	.00	.10	.4	1.24
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.43	0.	895.	0.	2.18	.00	1.69	.00	.29	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.59	0.	1287.	0.	2.05	.00	1.87	.00	.25	.4	1.36
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .8600 DTH = .0200 ITERR = 1
QU(1) = 1003.92 YU(1) = 1582.75 QU(N) = 1273.08 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.55	0.	648.	0.	1.00	.00	.63	.00	.00	.4	.55
24	1.640	1535.24	1.83	0.	809.	0.	1.48	.00	1.15	.00	.11	.4	1.24
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.43	0.	896.	0.	2.18	.00	1.70	.00	.29	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1289.	0.	2.06	.00	1.87	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .8800 DTH = .0200 ITERR = 1
QU(1) = 1006.33 YU(1) = 1582.75 QU(N) = 1272.94 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.55	0.	648.	0.	1.01	.00	.63	.00	.00	.4	.55
24	1.640	1535.25	1.83	0.	814.	0.	1.49	.00	1.16	.00	.11	.4	1.25
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.44	0.	897.	0.	2.18	.00	1.70	.00	.29	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1287.	0.	2.06	.00	1.88	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .9000 DTH = .0200 ITERR = 1
QU(1) = 1008.75 YU(1) = 1582.75 QU(N) = 1272.99 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.56	0.	648.	0.	1.01	.00	.63	.00	.00	.4	.55
24	1.640	1535.25	1.84	0.	819.	0.	1.51	.00	1.17	.00	.11	.4	1.25
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.37	2.44	0.	898.	0.	2.19	.00	1.70	.00	.29	.5	1.37
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1285.	0.	2.06	.00	1.88	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .9200 DTH = .0200 ITERR = 1
QU(1) = 1011.17 YU(1) = 1582.75 QU(N) = 1272.98 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.56	0.	648.	0.	1.01	.00	.63	.00	.00	.4	.55
24	1.640	1535.25	1.84	0.	824.	0.	1.52	.00	1.18	.00	.12	.4	1.25
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	898.	0.	2.19	.00	1.70	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1282.	0.	2.06	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 37

TT = .9400 DTH = .0200 ITERR = 1
QU(1) = 1013.58 YU(1) = 1582.75 QU(N) = 1272.99 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.56	0.	648.	0.	1.01	.00	.63	.00	.00	.4	.55
24	1.640	1535.26	1.85	0.	829.	0.	1.53	.00	1.19	.00	.12	.4	1.26
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	899.	0.	2.19	.00	1.70	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1284.	0.	2.06	.00	1.88	.00	.25	.4	1.06

164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 38

TT = .9600 DTH = .0200 ITERR = 1
QU(1) = 1016.00 YU(1) = 1582.75 QU(N) = 1272.88 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.57	0.	648.	0.	1.02	.00	.63	.00	.00	.4	.55
24	1.640	1535.26	1.85	0.	834.	0.	1.55	.00	1.20	.00	.12	.4	1.26
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	899.	0.	2.19	.00	1.70	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1287.	0.	2.06	.00	1.88	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 38

TT = .9800 DTH = .0200 ITERR = 1
QU(1) = 1018.42 YU(1) = 1582.75 QU(N) = 1272.89 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.57	0.	648.	0.	1.02	.00	.63	.00	.00	.4	.55
24	1.640	1535.26	1.86	0.	838.	0.	1.56	.00	1.21	.00	.13	.4	1.26
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	899.	0.	2.19	.00	1.70	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1289.	0.	2.06	.00	1.88	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 38

TT = 1.0000 DTH = .0200 ITERR = 1
QU(1) = 1020.33 YU(1) = 1582.75 QU(N) = 1272.91 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.57	0.	648.	0.	1.02	.00	.64	.00	.00	.4	.55
24	1.640	1535.27	1.86	0.	843.	0.	1.57	.00	1.21	.00	.13	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	900.	0.	2.19	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1289.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .31 IIFM= 38

TT = 1.0200 DTH = .0200 ITERR = 1
QU(1) = 1023.25 YU(1) = 1582.75 QU(N) = 1272.77 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.58	0.	648.	0.	1.02	.00	.64	.00	.00	.4	.55
24	1.640	1535.27	1.86	0.	847.	0.	1.58	.00	1.22	.00	.13	.4	1.27

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	900.	0.	2.19	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 38

TT = 1.0400 DTH = .0200 ITERR = 1
QU(1) = 1025.67 YU(1) = 1582.75 QU(N) = 1272.82 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.58	0.	648.	0.	1.03	.00	.64	.00	.00	.4	.55
24	1.640	1535.27	1.87	0.	850.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	900.	0.	2.19	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1287.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 38

TT = 1.0600 DTH = .0200 ITERR = 1
QU(1) = 1028.08 YU(1) = 1582.75 QU(N) = 1272.68 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.59	0.	648.	0.	1.03	.00	.64	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	853.	0.	1.60	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	900.	0.	2.19	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1286.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 38

TT = 1.0800 DTH = .0200 ITERR = 1
QU(1) = 1030.50 YU(1) = 1582.75 QU(N) = 1272.72 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.59	0.	648.	0.	1.03	.00	.64	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	856.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	900.	0.	2.19	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1287.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 38

TT = 1.1000 DTH = .0200 ITERR = 1
QU(1) = 1032.92 YU(1) = 1582.75 QU(N) = 1272.72 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.59	0.	648.	0.	1.03	.00	.64	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	858.	0.	1.61	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.19	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 39

TT = 1.1200 DTH = .0200 ITERR = 1
QU(1) = 1035.33 YU(1) = 1582.75 QU(N) = 1272.73 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.60	0.	648.	0.	1.04	.00	.64	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	860.	0.	1.61	.00	1.25	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1290.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 39

TT = 1.1400 DTH = .0200 ITERR = 1
QU(1) = 1037.75 YU(1) = 1582.75 QU(N) = 1272.59 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.60	0.	648.	0.	1.04	.00	.65	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	862.	0.	1.62	.00	1.25	.00	.15	.4	1.23
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 39

TT = 1.1600 DTH = .0200 ITERR = 1
QU(1) = 1040.17 YU(1) = 1582.75 QU(N) = 1272.64 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.60	0.	648.	0.	1.04	.00	.65	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	863.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 39

TT = 1.1800 DTH = .0200 ITERR = 1
QU(1) = 1042.58 YU(1) = 1582.75 QU(N) = 1272.48 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.61	0.	648.	0.	1.04	.00	.65	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	863.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1287.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 39

TT = 1.2000 DTH = .0200 ITERR = 1
QU(1) = 1045.00 YU(1) = 1582.75 QU(N) = 1272.55 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.61	0.	648.	0.	1.05	.00	.65	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	864.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 39

TT = 1.2200 DTH = .0200 ITERR = 1
QU(1) = 1047.42 YU(1) = 1582.75 QU(N) = 1272.38 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.62	0.	648.	0.	1.05	.00	.65	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	864.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.39

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 39

TT = 1.2400 DTH = .0200 ITERR = 1
QU(1) = 1049.83 YU(1) = 1582.75 QU(N) = 1272.45 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.62	0.	648.	0.	1.05	.00	.65	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	865.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.60	0.	1289.	0.	2.07	.00	1.88	.00	.25	.4	1.06

164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 40

TT = 1.2600 DTH = .0200 ITERR = 1
QU(1) = 1052.25 YU(1) = 1582.75 QU(N) = 1272.43 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.62	0.	648.	0.	1.05	.00	.66	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	865.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 40

TT = 1.2800 DTH = .0200 ITERR = 1
QU(1) = 1054.67 YU(1) = 1582.75 QU(N) = 1272.44 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.63	0.	648.	0.	1.05	.00	.66	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	865.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 40

TT = 1.3000 DTH = .0200 ITERR = 1
QU(1) = 1057.08 YU(1) = 1582.75 QU(N) = 1272.48 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.63	0.	648.	0.	1.06	.00	.66	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	865.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .33 IIFM= 40

TT = 1.3200 DTH = .0200 ITERR = 1
QU(1) = 1059.50 YU(1) = 1582.75 QU(N) = 1272.30 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.63	0.	648.	0.	1.06	.00	.66	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	865.	0.	1.62	.00	1.25	.00	.15	.4	1.28

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .33 IIFM= 40

TT = 1.3400 DTH = .0200 ITERR = 1
QU(1) = 1061.92 YU(1) = 1582.75 QU(N) = 1272.41 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.64	0.	648.	0.	1.06	.00	.66	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	865.	0.	1.62	.00	1.25	.00	.15	.4	1.23
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .33 IIFM= 40

TT = 1.3600 DTH = .0200 ITERR = 1
QU(1) = 1064.33 YU(1) = 1582.75 QU(N) = 1272.18 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.64	0.	648.	0.	1.06	.00	.66	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	865.	0.	1.62	.00	1.25	.00	.15	.4	1.23
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 41

TT = 1.3800 DTH = .0200 ITERR = 1
QU(1) = 1066.75 YU(1) = 1582.75 QU(N) = 1272.33 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.65	0.	648.	0.	1.07	.00	.66	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	864.	0.	1.62	.00	1.25	.00	.15	.4	1.23
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 41

TT = 1.4000 DTH = .0200 ITERR = 1
QU(1) = 1069.17 YU(1) = 1582.75 QU(N) = 1272.02 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.65	0.	648.	0.	1.07	.00	.67	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	864.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 41

TT = 1.4200 DTH = .0200 ITERR = 1
QU(1) = 1071.58 YU(1) = 1582.75 QU(N) = 1272.37 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.65	0.	648.	0.	1.07	.00	.67	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	864.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 41

TT = 1.4400 DTH = .0200 ITERR = 1
QU(1) = 1074.00 YU(1) = 1582.75 QU(N) = 1271.99 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.66	0.	648.	0.	1.07	.00	.67	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	864.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 41

TT = 1.4600 DTH = .0200 ITERR = 1
QU(1) = 1076.42 YU(1) = 1582.75 QU(N) = 1272.49 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.66	0.	648.	0.	1.08	.00	.67	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	863.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 41

TT = 1.4800 DTH = .0200 ITERR = 1
QU(1) = 1078.83 YU(1) = 1582.75 QU(N) = 1271.78 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.66	0.	648.	0.	1.08	.00	.67	.00	.00	.4	.55
24	1.640	1535.28	1.88	0.	863.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 42

TT = 1.5000 DTH = .0200 ITERR = 1
QU(1) = 1081.25 YU(1) = 1582.75 QU(N) = 1272.56 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.67	0.	648.	0.	1.08	.00	.67	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	863.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 42

TT = 1.5200 DTH = .0200 ITERR = 1
QU(1) = 1083.67 YU(1) = 1582.75 QU(N) = 1271.55 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.67	0.	648.	0.	1.08	.00	.67	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	863.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 42

TT = 1.5400 DTH = .0200 ITERR = 1
QU(1) = 1086.08 YU(1) = 1582.75 QU(N) = 1272.76 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.67	0.	648.	0.	1.09	.00	.68	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	863.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06

164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 42

TT = 1.5600 DTH = .0200 ITERR = 1
QU(1) = 1088.50 YU(1) = 1582.75 QU(N) = 1271.32 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.68	0.	648.	0.	1.09	.00	.68	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	862.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 42

TT = 1.5800 DTH = .0200 ITERR = 1
QU(1) = 1090.92 YU(1) = 1582.75 QU(N) = 1273.00 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.68	0.	648.	0.	1.09	.00	.68	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	862.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .33 IIFM= 42

TT = 1.6000 DTH = .0200 ITERR = 1
QU(1) = 1093.33 YU(1) = 1582.75 QU(N) = 1271.36 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.69	0.	648.	0.	1.09	.00	.68	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	862.	0.	1.62	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 43

TT = 1.6200 DTH = .0200 ITERR = 1
QU(1) = 1095.75 YU(1) = 1582.75 QU(N) = 1272.81 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.69	0.	648.	0.	1.10	.00	.68	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	862.	0.	1.61	.00	1.25	.00	.15	.4	1.28

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .32 IIFM= 43

TT = 1.6400 DTH = .0200 ITERR = 1
QU(1) = 1098.17 YU(1) = 1582.75 QU(N) = 1273.28 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.69	0.	648.	0.	1.10	.00	.68	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	861.	0.	1.61	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .33 IIFM= 43

TT = 1.6600 DTH = .0200 ITERR = 1
QU(1) = 1100.58 YU(1) = 1582.75 QU(N) = 1273.28 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.70	0.	648.	0.	1.10	.00	.69	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	861.	0.	1.61	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .33 IIFM= 43

TT = 1.6800 DTH = .0200 ITERR = 1
QU(1) = 1103.00 YU(1) = 1582.75 QU(N) = 1272.73 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.70	0.	648.	0.	1.10	.00	.69	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	861.	0.	1.61	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FROM= .89 IIFR= 124 FRM= .33 IIFM= 43

TT = 1.7000 DTH = .0200 ITERR = 1
QU(1) = 1105.42 YU(1) = 1582.75 QU(N) = 1273.37 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.70	0.	648.	0.	1.11	.00	.69	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	861.	0.	1.61	.00	1.25	.00	.15	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .33 IIFM= 43

TT = 1.7200 DTH = .0200 ITERR = 1
QU(1) = 1107.83 YU(1) = 1582.75 QU(N) = 1272.75 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.71	0.	648.	0.	1.11	.00	.69	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	860.	0.	1.61	.00	1.25	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .33 IIFM= 44

TT = 1.7400 DTH = .0200 ITERR = 1
QU(1) = 1110.25 YU(1) = 1582.75 QU(N) = 1269.74 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.71	0.	648.	0.	1.11	.00	.69	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	860.	0.	1.61	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.04	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 44

TT = 1.7600 DTH = .0200 ITERR = 1
QU(1) = 1112.67 YU(1) = 1582.75 QU(N) = 1270.28 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.72	0.	648.	0.	1.11	.00	.69	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	860.	0.	1.61	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.04	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .32 IIFM= 44

TT = 1.7800 DTH = .0200 ITERR = 1
QU(1) = 1115.08 YU(1) = 1582.75 QU(N) = 1272.40 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.72	0.	648.	0.	1.12	.00	.69	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	859.	0.	1.61	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .33 IIFM= 44

TT = 1.8000 DTH = .0200 ITERR = 1
QU(1) = 1117.50 YU(1) = 1582.75 QU(N) = 1272.25 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.72	0.	648.	0.	1.12	.00	.70	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	859.	0.	1.61	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.53	0.	830.	0.	1.27	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .33 IIFM= 44

TT = 1.8200 DTH = .0200 ITERR = 1
QU(1) = 1119.92 YU(1) = 1582.75 QU(N) = 1277.25 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.73	0.	648.	0.	1.12	.00	.70	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	858.	0.	1.61	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.54	0.	830.	0.	1.28	.00	1.05	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .33 IIFM= 44

TT = 1.8400 DTH = .0200 ITERR = 1
QU(1) = 1122.33 YU(1) = 1582.75 QU(N) = 1285.39 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.73	0.	648.	0.	1.12	.00	.70	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	858.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06

164	10.290	1355.89	1.55	0.	831.	0.	1.29	.00	1.06	.00	.00	.4	.89

FRDM= .88 IIFR= 124 FRM= .33 IIFM= 44

TT = 1.8600 DTH = .0200 ITERR = 1
QU(1) = 1124.75 YU(1) = 1582.75 QU(N) = 1296.80 YU(N) = 1355.90

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.73	0.	648.	0.	1.12	.00	.70	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	858.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.90	1.53	0.	848.	0.	1.30	.00	1.09	.00	.01	.4	.90

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 45

TT = 1.8800 DTH = .0200 ITERR = 1
QU(1) = 1127.17 YU(1) = 1582.75 QU(N) = 1285.13 YU(N) = 1355.90

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.74	0.	648.	0.	1.13	.00	.70	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	857.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.90	1.52	0.	847.	0.	1.29	.00	1.07	.00	.01	.4	.90

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 45

TT = 1.9000 DTH = .0200 ITERR = 1
QU(1) = 1129.58 YU(1) = 1582.75 QU(N) = 1263.59 YU(N) = 1355.90

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.74	0.	648.	0.	1.13	.00	.70	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	857.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1019.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.90	1.49	0.	847.	0.	1.26	.00	1.06	.00	.01	.4	.90

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 45

TT = 1.9200 DTH = .0200 ITERR = 1
QU(1) = 1132.00 YU(1) = 1582.75 QU(N) = 1241.69 YU(N) = 1355.90

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.75	0.	648.	0.	1.13	.00	.70	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	856.	0.	1.60	.00	1.24	.00	.14	.4	1.28

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1019.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.90	1.47	0.	847.	0.	1.24	.00	1.04	.00	.01	.4	.90

FROM= .89 IIFR= 124 FRM= .32 IIFM= 45

TT = 1.9400 DTH = .0200 ITERR = 1
QU(1) = 1134.42 YU(1) = 1582.75 QU(N) = 1255.52 YU(N) = 1355.90

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.75	0.	648.	0.	1.13	.00	.71	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	856.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1018.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.90	1.48	0.	847.	0.	1.26	.00	1.05	.00	.01	.4	.90

FROM= .89 IIFR= 124 FRM= .32 IIFM= 45

TT = 1.9600 DTH = .0200 ITERR = 1
QU(1) = 1136.83 YU(1) = 1582.75 QU(N) = 1317.75 YU(N) = 1355.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.75	0.	648.	0.	1.14	.00	.71	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	856.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1017.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.89	1.58	0.	832.	0.	1.32	.00	1.09	.00	.00	.4	.89

FROM= .90 IIFR= 124 FRM= .32 IIFM= 45

TT = 1.9800 DTH = .0200 ITERR = 1
QU(1) = 1139.25 YU(1) = 1582.75 QU(N) = 1404.17 YU(N) = 1355.93

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.76	0.	648.	0.	1.14	.00	.71	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	856.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1017.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1355.93	1.55	0.	909.	0.	1.40	.00	1.24	.00	.04	.4	.93

FROM= .90 IIFR= 124 FRM= .32 IIFM= 45

TT = 2.0000 DTH = .0200 ITERR = 1
QU(1) = 1141.67 YU(1) = 1582.75 QU(N) = 1508.22 YU(N) = 1356.00

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.76	0.	648.	0.	1.14	.00	.71	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	855.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1016.	0.	2.06	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.00	1.44	0.	1044.	0.	1.51	.00	1.50	.00	.11	.4	1.00

FRDM= .90 IIFR= 124 FRM= .32 IIFM= 45

TT = 2.0200 DTH = .0200 ITERR = 1
QU(1) = 1144.08 YU(1) = 1582.75 QU(N) = 1795.06 YU(N) = 1356.04

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.76	0.	648.	0.	1.14	.00	.71	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	855.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1015.	0.	2.06	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.04	1.58	0.	1138.	0.	1.80	.00	1.65	.00	.15	.4	1.04

FRDM= .90 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.0400 DTH = .0200 ITERR = 1
QU(1) = 1146.50 YU(1) = 1582.75 QU(N) = 1961.24 YU(N) = 1356.07

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.77	0.	648.	0.	1.15	.00	.71	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	855.	0.	1.60	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1014.	0.	2.06	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.07	1.65	0.	1191.	0.	1.96	.00	1.74	.00	.18	.4	1.07

FRDM= .91 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.0600 DTH = .0200 ITERR = 1
QU(1) = 1148.92 YU(1) = 1582.75 QU(N) = 2018.97 YU(N) = 1356.07

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.77	0.	648.	0.	1.15	.00	.72	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	854.	0.	1.60	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1014.	0.	2.06	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.07	1.67	0.	1210.	0.	2.02	.00	1.78	.00	.19	.4	1.07

FRDM= .91 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.0800 DTH = .0200 ITERR = 1
QU(1) = 1151.33 YU(1) = 1582.75 QU(N) = 2049.38 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.78	0.	648.	0.	1.15	.00	.72	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1013.	0.	2.06	.00	1.15	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.68	0.	1221.	0.	2.05	.00	1.79	.00	.19	.4	1.08

FRDM= .91 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.1000 DTH = .0200 ITERR = 1
QU(1) = 1153.75 YU(1) = 1582.75 QU(N) = 2061.15 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.78	0.	648.	0.	1.15	.00	.72	.00	.00	.4	.55
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.04	0.	1012.	0.	2.06	.00	1.15	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.68	0.	1225.	0.	2.06	.00	1.80	.00	.19	.4	1.08

FRDM= .91 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.1200 DTH = .0200 ITERR = 1
QU(1) = 1156.17 YU(1) = 1582.75 QU(N) = 2066.49 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.78	0.	648.	0.	1.16	.00	.72	.00	.00	.4	.55
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.04	0.	1011.	0.	2.06	.00	1.15	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.68	0.	1227.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .91 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.1400 DTH = .0200 ITERR = 1
QU(1) = 1158.58 YU(1) = 1582.75 QU(N) = 2068.52 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.79	0.	648.	0.	1.16	.00	.72	.00	.00	.4	.55
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.04	0.	1012.	0.	2.06	.00	1.15	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06

164	10.290	1356.08	1.69	0.	1227.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .91 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.1600 DTH = .0200 ITERR = 1
QU(1) = 1161.00 YU(1) = 1582.75 QU(N) = 2069.41 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.79	0.	648.	0.	1.16	.00	.72	.00	.00	.4	.55
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.04	0.	1014.	0.	2.06	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .90 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.1800 DTH = .0200 ITERR = 1
QU(1) = 1163.42 YU(1) = 1582.75 QU(N) = 2069.60 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.79	0.	648.	0.	1.16	.00	.72	.00	.00	.4	.55
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.04	0.	1016.	0.	2.07	.00	1.16	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.36
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .90 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.2000 DTH = .0200 ITERR = 1
QU(1) = 1165.83 YU(1) = 1582.75 QU(N) = 2070.26 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.80	0.	648.	0.	1.17	.00	.73	.00	.00	.4	.55
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.65	2.03	0.	1020.	0.	2.07	.00	1.17	.00	.03	.6	1.65
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .89 IIFR= 124 FRM= .32 IIFM= 46

TT = 2.2200 DTH = .0200 ITERR = 1
QU(1) = 1168.25 YU(1) = 1582.75 QU(N) = 2070.56 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.80	0.	648.	0.	1.17	.00	.73	.00	.00	.4	.55
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.65	2.03	0.	1024.	0.	2.08	.00	1.18	.00	.03	.6	1.55
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FROM= .89 IIFR= 124 FRM= .32 IIFM= 47

TT = 2.2400 DTH = .0200 ITERR = 1
QU(1) = 1170.67 YU(1) = 1582.75 QU(N) = 2071.23 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.81	0.	648.	0.	1.17	.00	.73	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.66	2.03	0.	1029.	0.	2.09	.00	1.18	.00	.04	.6	1.66
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FROM= .88 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.2600 DTH = .0200 ITERR = 1
QU(1) = 1173.08 YU(1) = 1582.75 QU(N) = 2070.77 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.81	0.	648.	0.	1.17	.00	.73	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.66	2.02	0.	1034.	0.	2.09	.00	1.19	.00	.04	.6	1.66
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FROM= .88 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.2800 DTH = .0200 ITERR = 1
QU(1) = 1175.50 YU(1) = 1582.75 QU(N) = 2071.73 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.81	0.	648.	0.	1.18	.00	.73	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.66	2.02	0.	1040.	0.	2.10	.00	1.20	.00	.04	.6	1.66
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .88 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.3000 DTH = .0200 ITERR = 1
QU(1) = 1177.92 YU(1) = 1582.75 QU(N) = 2071.23 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.82	0.	648.	0.	1.18	.00	.73	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.66	2.01	0.	1045.	0.	2.11	.00	1.21	.00	.04	.6	1.66
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .87 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.3200 DTH = .0200 ITERR = 1
QU(1) = 1180.33 YU(1) = 1582.75 QU(N) = 2070.82 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.82	0.	648.	0.	1.18	.00	.73	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.66	2.01	0.	1051.	0.	2.11	.00	1.22	.00	.04	.6	1.66
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .87 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.3400 DTH = .0200 ITERR = 1
QU(1) = 1182.75 YU(1) = 1582.75 QU(N) = 2070.23 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.82	0.	648.	0.	1.18	.00	.74	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.67	2.01	0.	1056.	0.	2.12	.00	1.22	.00	.05	.6	1.67
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .87 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.3600 DTH = .0200 ITERR = 1
QU(1) = 1185.17 YU(1) = 1582.75 QU(N) = 2070.58 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.83	0.	648.	0.	1.19	.00	.74	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.67	2.00	0.	1061.	0.	2.12	.00	1.23	.00	.05	.6	1.67
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FRDM= .86 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.3800 DTH = .0200 ITERR = 1
QU(1) = 1187.58 YU(1) = 1582.75 QU(N) = 2071.05 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.83	0.	648.	0.	1.19	.00	.74	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.67	2.00	0.	1067.	0.	2.13	.00	1.24	.00	.05	.6	1.67
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.80	.00	.19	.4	1.08

FROM= .86 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.4000 DTH = .0200 ITERR = 1
QU(1) = 1190.00 YU(1) = 1582.75 QU(N) = 2071.56 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.84	0.	648.	0.	1.19	.00	.74	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.67	1.99	0.	1071.	0.	2.13	.00	1.25	.00	.05	.6	1.67
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .86 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.4200 DTH = .0200 ITERR = 1
QU(1) = 1192.42 YU(1) = 1582.75 QU(N) = 2071.94 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.84	0.	648.	0.	1.19	.00	.74	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.67	1.99	0.	1076.	0.	2.14	.00	1.25	.00	.05	.6	1.67
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .85 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.4400 DTH = .0200 ITERR = 1
QU(1) = 1194.83 YU(1) = 1582.75 QU(N) = 2072.50 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.84	0.	648.	0.	1.19	.00	.74	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.98	0.	1080.	0.	2.14	.00	1.26	.00	.06	.6	1.68
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06

164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .85 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.4600 DTH = .0200 ITERR = 1
QU(1) = 1197.25 YU(1) = 1582.75 QU(N) = 2072.86 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.85	0.	648.	0.	1.20	.00	.75	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.98	0.	1085.	0.	2.15	.00	1.27	.00	.06	.6	1.68
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .85 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.4800 DTH = .0200 ITERR = 1
QU(1) = 1199.67 YU(1) = 1582.75 QU(N) = 2073.43 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.85	0.	648.	0.	1.20	.00	.75	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.98	0.	1089.	0.	2.15	.00	1.27	.00	.06	.6	1.68
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .85 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.5000 DTH = .0200 ITERR = 1
QU(1) = 1202.08 YU(1) = 1582.75 QU(N) = 2073.84 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.85	0.	648.	0.	1.20	.00	.75	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.97	0.	1092.	0.	2.16	.00	1.28	.00	.06	.5	1.68
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .85 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.5200 DTH = .0200 ITERR = 1
QU(1) = 1204.50 YU(1) = 1582.75 QU(N) = 2073.63 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.86	0.	648.	0.	1.20	.00	.75	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27

64	4.730	1465.66	2.13	0.	1033.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.97	0.	1096.	0.	2.16	.00	1.28	.00	.06	.5	1.68
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .85 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.5400 DTH = .0200 ITERR = 0
QU(1) = 1206.92 YU(1) = 1582.75 QU(N) = 2073.74 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.86	0.	648.	0.	1.21	.00	.75	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.13	0.	1035.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.97	0.	1099.	0.	2.16	.00	1.29	.00	.06	.5	1.68
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.03

FRDM= .84 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.5600 DTH = .0200 ITERR = 0
QU(1) = 1209.33 YU(1) = 1582.75 QU(N) = 2073.68 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.87	0.	648.	0.	1.21	.00	.75	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1035.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.97	0.	1102.	0.	2.17	.00	1.29	.00	.06	.5	1.68
140	8.480	1389.06	1.61	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .84 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.5800 DTH = .0200 ITERR = 0
QU(1) = 1211.75 YU(1) = 1582.75 QU(N) = 2073.72 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.87	0.	648.	0.	1.21	.00	.75	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.68	1.96	0.	1105.	0.	2.17	.00	1.30	.00	.06	.5	1.68
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .84 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.6000 DTH = .0200 ITERR = 0
QU(1) = 1214.17 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.87	0.	648.	0.	1.21	.00	.76	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.96	0.	1107.	0.	2.17	.00	1.30	.00	.07	.5	1.69
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .84 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.6200 DTH = .0200 ITERR = 0
QU(1) = 1216.58 YU(1) = 1582.75 QU(N) = 2073.71 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.88	0.	648.	0.	1.22	.00	.76	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.96	0.	1110.	0.	2.17	.00	1.30	.00	.07	.5	1.69
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .84 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.6400 DTH = .0200 ITERR = 0
QU(1) = 1219.00 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.88	0.	648.	0.	1.22	.00	.76	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.96	0.	1112.	0.	2.18	.00	1.31	.00	.07	.5	1.69
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .84 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.6600 DTH = .0200 ITERR = 0
QU(1) = 1221.42 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.88	0.	648.	0.	1.22	.00	.76	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.96	0.	1114.	0.	2.18	.00	1.31	.00	.07	.5	1.69
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .84 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.6800 DTH = .0200 ITERR = 0
QU(1) = 1223.83 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.89	0.	648.	0.	1.22	.00	.76	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.95	0.	1116.	0.	2.18	.00	1.31	.00	.07	.5	1.69
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .84 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.7000 DTH = .0200 ITERR = 0
QU(1) = 1226.25 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.89	0.	648.	0.	1.23	.00	.76	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.95	0.	1117.	0.	2.18	.00	1.32	.00	.07	.5	1.69
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .84 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.7200 DTH = .0200 ITERR = 0
QU(1) = 1228.67 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.89	0.	648.	0.	1.23	.00	.77	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.95	0.	1119.	0.	2.18	.00	1.32	.00	.07	.5	1.69
140	8.480	1389.06	1.60	0.	1287.	0.	2.07	.00	1.88	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .84 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.7400 DTH = .0200 ITERR = 0
QU(1) = 1231.08 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.90	0.	648.	0.	1.23	.00	.77	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.95	0.	1120.	0.	2.18	.00	1.32	.00	.07	.5	1.69
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06

164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .84 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.7600 DTH = .0200 ITERR = 0
QU(1) = 1233.50 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.90	0.	648.	0.	1.23	.00	.77	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.69	1.95	0.	1121.	0.	2.19	.00	1.32	.00	.07	.5	1.69
140	8.480	1389.06	1.61	0.	1288.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.7800 DTH = .0200 ITERR = 0
QU(1) = 1235.92 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.91	0.	648.	0.	1.24	.00	.77	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.69	1.95	0.	1123.	0.	2.19	.00	1.32	.00	.07	.5	1.69
140	8.480	1389.06	1.61	0.	1289.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.8000 DTH = .0200 ITERR = 0
QU(1) = 1238.33 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.91	0.	648.	0.	1.24	.00	.77	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.69	1.95	0.	1124.	0.	2.19	.00	1.32	.00	.07	.5	1.69
140	8.480	1389.06	1.61	0.	1290.	0.	2.07	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.8200 DTH = .0200 ITERR = 0
QU(1) = 1240.75 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.91	0.	648.	0.	1.24	.00	.77	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.95	0.	1125.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.61	0.	1291.	0.	2.08	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.8400 DTH = .0200 ITERR = 0
QU(1) = 1243.17 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.92	0.	648.	0.	1.24	.00	.77	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.95	0.	1125.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.61	0.	1291.	0.	2.08	.00	1.89	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 2.8600 DTH = .0200 ITERR = 0
QU(1) = 1245.58 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.92	0.	648.	0.	1.25	.00	.78	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1126.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.61	0.	1293.	0.	2.09	.00	1.90	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.8800 DTH = .0200 ITERR = 0
QU(1) = 1248.00 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.92	0.	648.	0.	1.25	.00	.78	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1127.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.62	0.	1294.	0.	2.09	.00	1.90	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.9000 DTH = .0200 ITERR = 0
QU(1) = 1250.42 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.93	0.	648.	0.	1.25	.00	.78	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.22	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1127.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.62	0.	1295.	0.	2.09	.00	1.90	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.9200 DTH = .0200 ITERR = 0
QU(1) = 1252.83 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.93	0.	648.	0.	1.25	.00	.78	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	901.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1128.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.62	0.	1296.	0.	2.10	.00	1.91	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.9400 DTH = .0200 ITERR = 0
QU(1) = 1255.25 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.94	0.	648.	0.	1.26	.00	.78	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1128.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.62	0.	1298.	0.	2.10	.00	1.91	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.9600 DTH = .0200 ITERR = 0
QU(1) = 1257.67 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.94	0.	648.	0.	1.26	.00	.78	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1128.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.62	0.	1299.	0.	2.11	.00	1.91	.00	.25	.4	1.06
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 2.9800 DTH = .0200 ITERR = 0
QU(1) = 1260.08 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.94	0.	648.	0.	1.26	.00	.78	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1129.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.06	1.62	0.	1300.	0.	2.11	.00	1.91	.00	.25	.4	1.96
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.0000 DTH = .0200 ITERR = 0
QU(1) = 1262.50 YU(1) = 1582.75 QU(N) = 2073.70 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.95	0.	648.	0.	1.26	.00	.79	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1129.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.63	0.	1302.	0.	2.12	.00	1.92	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.0200 DTH = .0200 ITERR = 0
QU(1) = 1264.92 YU(1) = 1582.75 QU(N) = 2073.76 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.95	0.	648.	0.	1.26	.00	.79	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1129.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.63	0.	1303.	0.	2.12	.00	1.92	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.0400 DTH = .0200 ITERR = 0
QU(1) = 1267.33 YU(1) = 1582.75 QU(N) = 2073.02 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.95	0.	648.	0.	1.27	.00	.79	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1129.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.63	0.	1304.	0.	2.13	.00	1.92	.00	.26	.4	1.97

164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.0600 DTH = .0200 ITERR = 0
QU(1) = 1269.75 YU(1) = 1582.75 QU(N) = 2071.94 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.96	0.	648.	0.	1.27	.00	.79	.00	.00	.5	.56
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1129.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.63	0.	1306.	0.	2.13	.00	1.93	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.0800 DTH = .0200 ITERR = 0
QU(1) = 1272.17 YU(1) = 1582.75 QU(N) = 2071.81 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.96	0.	648.	0.	1.27	.00	.79	.00	.00	.5	.56
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.63	0.	1307.	0.	2.14	.00	1.93	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.1000 DTH = .0200 ITERR = 0
QU(1) = 1274.58 YU(1) = 1582.75 QU(N) = 2071.87 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.97	0.	648.	0.	1.27	.00	.79	.00	.00	.5	.56
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.63	0.	1308.	0.	2.14	.00	1.93	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.1200 DTH = .0200 ITERR = 0
QU(1) = 1277.00 YU(1) = 1582.75 QU(N) = 2071.84 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.97	0.	648.	0.	1.28	.00	.80	.00	.00	.5	.56
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.64	0.	1310.	0.	2.14	.00	1.93	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.1400 DTH = .0200 ITERR = 0
QU(1) = 1279.42 YU(1) = 1582.75 QU(N) = 2071.86 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.97	0.	648.	0.	1.28	.00	.80	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.64	0.	1311.	0.	2.15	.00	1.94	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.1600 DTH = .0200 ITERR = 0
QU(1) = 1281.83 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.98	0.	648.	0.	1.28	.00	.80	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.64	0.	1312.	0.	2.15	.00	1.94	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.1800 DTH = .0200 ITERR = 0
QU(1) = 1284.25 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	1.98	0.	648.	0.	1.28	.00	.80	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.64	0.	1313.	0.	2.16	.00	1.94	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.2000 DTH = .0200 ITERR = 0
QU(1) = 1286.67 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.98	0.	648.	0.	1.29	.00	.80	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.64	0.	1314.	0.	2.16	.00	1.94	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.2200 DTH = .0200 ITERR = 0
QU(1) = 1289.08 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.99	0.	648.	0.	1.29	.00	.80	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.64	0.	1315.	0.	2.16	.00	1.95	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.2400 DTH = .0200 ITERR = 0
QU(1) = 1291.50 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	1.99	0.	648.	0.	1.29	.00	.80	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.64	0.	1315.	0.	2.16	.00	1.95	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.2600 DTH = .0200 ITERR = 0
QU(1) = 1293.92 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.00	0.	648.	0.	1.29	.00	.81	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1316.	0.	2.17	.00	1.95	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.2800 DTH = .0200 ITERR = 0
QU(1) = 1296.33 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.00	0.	648.	0.	1.30	.00	.81	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1317.	0.	2.17	.00	1.95	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.3000 DTH = .0200 ITERR = 0
QU(1) = 1298.75 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.00	0.	648.	0.	1.30	.00	.81	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1318.	0.	2.17	.00	1.95	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.3200 DTH = .0200 ITERR = 0
QU(1) = 1301.17 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.01	0.	648.	0.	1.30	.00	.81	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1318.	0.	2.17	.00	1.95	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.3400 DTH = .0200 ITERR = 0
QU(1) = 1303.58 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.01	0.	648.	0.	1.30	.00	.81	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.58	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1319.	0.	2.18	.00	1.95	.00	.26	.4	1.07

164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.3600 DTH = .0200 ITERR = 0
QU(1) = 1306.00 YU(1) = 1582.75 QU(N) = 2071.85 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.01	0.	648.	0.	1.31	.00	.81	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	850.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1319.	0.	2.18	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.3800 DTH = .0200 ITERR = 0
QU(1) = 1308.42 YU(1) = 1582.75 QU(N) = 2071.79 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.02	0.	648.	0.	1.31	.00	.81	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1320.	0.	2.18	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1228.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.4000 DTH = .0200 ITERR = 0
QU(1) = 1310.83 YU(1) = 1582.75 QU(N) = 2072.54 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.02	0.	648.	0.	1.31	.00	.82	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1320.	0.	2.18	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.4200 DTH = .0200 ITERR = 0
QU(1) = 1313.25 YU(1) = 1582.75 QU(N) = 2073.56 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.03	0.	648.	0.	1.31	.00	.82	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1321.	0.	2.18	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.4400 DTH = .0200 ITERR = 0
QU(1) = 1315.67 YU(1) = 1582.75 QU(N) = 2074.43 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.03	0.	648.	0.	1.32	.00	.82	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1321.	0.	2.18	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1229.	0.	2.07	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.4600 DTH = .0200 ITERR = 0
QU(1) = 1318.08 YU(1) = 1582.75 QU(N) = 2075.38 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.03	0.	648.	0.	1.32	.00	.82	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1321.	0.	2.18	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1230.	0.	2.08	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.4800 DTH = .0200 ITERR = 0
QU(1) = 1320.50 YU(1) = 1582.75 QU(N) = 2076.25 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.75	2.04	0.	648.	0.	1.32	.00	.82	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1322.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1230.	0.	2.08	.00	1.81	.00	.19	.4	1.08

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.5000 DTH = .0200 ITERR = 0
QU(1) = 1322.92 YU(1) = 1582.75 QU(N) = 2077.23 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.04	0.	648.	0.	1.32	.00	.82	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1322.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1230.	0.	2.08	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.5200 DTH = .0200 ITERR = 0
QU(1) = 1325.33 YU(1) = 1582.75 QU(N) = 2078.80 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.04	0.	648.	0.	1.33	.00	.83	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1322.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1230.	0.	2.08	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.5400 DTH = .0200 ITERR = 0
QU(1) = 1327.75 YU(1) = 1582.75 QU(N) = 2080.19 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.05	0.	648.	0.	1.33	.00	.83	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1231.	0.	2.08	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.5600 DTH = .0200 ITERR = 0
QU(1) = 1330.17 YU(1) = 1582.75 QU(N) = 2082.24 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.05	0.	648.	0.	1.33	.00	.83	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1231.	0.	2.08	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.5800 DTH = .0200 ITERR = 0
QU(1) = 1332.58 YU(1) = 1582.75 QU(N) = 2083.91 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.06	0.	648.	0.	1.33	.00	.83	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1232.	0.	2.08	.00	1.81	.00	.19	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.6000 DTH = .0200 ITERR = 0
QU(1) = 1335.00 YU(1) = 1582.75 QU(N) = 2086.57 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.06	0.	648.	0.	1.33	.00	.83	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.65	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1233.	0.	2.09	.00	1.81	.00	.20	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.6200 DTH = .0200 ITERR = 0
QU(1) = 1391.99 YU(1) = 1582.75 QU(N) = 2089.47 YU(N) = 1356.08

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.15	0.	648.	0.	1.39	.00	.87	.00	.00	.5	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.08	1.69	0.	1233.	0.	2.09	.00	1.82	.00	.20	.4	1.08

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.6400 DTH = .0200 ITERR = 0
QU(1) = 1448.99 YU(1) = 1582.75 QU(N) = 2092.94 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.75	2.23	0.	648.	0.	1.45	.00	.90	.00	.00	.6	.55
24	1.640	1535.27	1.86	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.09	1.70	0.	1234.	0.	2.09	.00	1.82	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.6600 DTH = .0200 ITERR = 0
QU(1) = 1505.99 YU(1) = 1582.77 QU(N) = 2096.75 YU(N) = 1356.39

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.77	2.23	0.	675.	0.	1.51	.00	.97	.00	.02	.5	.57
24	1.640	1535.27	1.87	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.70	0.	1236.	0.	2.10	.00	1.82	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.6800 DTH = .0200 ITERR = 0
QU(1) = 1562.99 YU(1) = 1582.79 QU(N) = 2100.41 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	2.23	0.	700.	0.	1.56	.00	1.03	.00	.04	.5	.59
24	1.640	1535.27	1.87	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.70	0.	1237.	0.	2.10	.00	1.82	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.7000 DTH = .0200 ITERR = 0
QU(1) = 1619.99 YU(1) = 1582.81 QU(N) = 2104.14 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.81	2.23	0.	726.	0.	1.62	.00	1.10	.00	.06	.5	.61
24	1.640	1535.27	1.87	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.56
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.70	0.	1238.	0.	2.10	.00	1.83	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.7200 DTH = .0200 ITERR = 0
QU(1) = 1676.99 YU(1) = 1582.83 QU(N) = 2107.83 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.83	2.23	0.	751.	0.	1.68	.00	1.17	.00	.08	.5	.63
24	1.640	1535.27	1.87	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.70	0.	1239.	0.	2.11	.00	1.83	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.7400 DTH = .0200 ITERR = 0
QU(1) = 1733.99 YU(1) = 1582.85 QU(N) = 2111.54 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.85	2.23	0.	777.	0.	1.73	.00	1.24	.00	.10	.5	.65
24	1.640	1535.27	1.87	0.	851.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.70	0.	1240.	0.	2.11	.00	1.83	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.7600 DTH = .0200 ITERR = 0
QU(1) = 1790.99 YU(1) = 1582.87 QU(N) = 2115.25 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.87	2.22	0.	805.	0.	1.79	.00	1.31	.00	.12	.5	.67
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.70	0.	1241.	0.	2.12	.00	1.83	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.7800 DTH = .0200 ITERR = 0
QU(1) = 1847.99 YU(1) = 1582.89 QU(N) = 2118.96 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.89	2.22	0.	832.	0.	1.85	.00	1.39	.00	.14	.5	.69
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.71	0.	1242.	0.	2.12	.00	1.83	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.8000 DTH = .0200 ITERR = 0
QU(1) = 1904.99 YU(1) = 1582.91 QU(N) = 2122.66 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.91	2.21	0.	860.	0.	1.90	.00	1.47	.00	.16	.5	.71
24	1.640	1535.27	1.86	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.71	0.	1243.	0.	2.12	.00	1.84	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.8200 DTH = .0200 ITERR = 0
QU(1) = 1961.99 YU(1) = 1582.93 QU(N) = 2126.37 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.93	2.21	0.	888.	0.	1.96	.00	1.54	.00	.18	.5	.73
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.71	0.	1244.	0.	2.13	.00	1.84	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.8400 DTH = .0200 ITERR = 0
QU(1) = 2018.99 YU(1) = 1582.95 QU(N) = 2130.07 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.95	2.20	0.	916.	0.	2.02	.00	1.63	.00	.21	.5	.75
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.71	0.	1245.	0.	2.13	.00	1.84	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.8600 DTH = .0200 ITERR = 0
QU(1) = 2075.99 YU(1) = 1582.98 QU(N) = 2133.77 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.98	2.20	0.	944.	0.	2.08	.00	1.71	.00	.23	.5	.78
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.71	0.	1246.	0.	2.13	.00	1.84	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.8800 DTH = .0200 ITERR = 0
QU(1) = 2132.99 YU(1) = 1583.00 QU(N) = 2137.54 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.00	2.20	0.	971.	0.	2.13	.00	1.79	.00	.25	.4	.80
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.71	0.	1248.	0.	2.14	.00	1.85	.00	.20	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.9000 DTH = .0200 ITERR = 0
QU(1) = 2189.99 YU(1) = 1583.02 QU(N) = 2140.51 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.02	2.19	0.	999.	0.	2.19	.00	1.88	.00	.27	.4	.82
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.71	0.	1249.	0.	2.14	.00	1.85	.00	.20	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.9200 DTH = .0200 ITERR = 0
QU(1) = 2246.99 YU(1) = 1583.04 QU(N) = 2143.81 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.04	2.19	0.	1027.	0.	2.25	.00	1.97	.00	.29	.4	.84
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.72	0.	1250.	0.	2.14	.00	1.85	.00	.20	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.9400 DTH = .0200 ITERR = 0
QU(1) = 2303.99 YU(1) = 1583.06 QU(N) = 2146.35 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.06	2.18	0.	1055.	0.	2.30	.00	2.06	.00	.31	.4	.86
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.09	1.72	0.	1250.	0.	2.15	.00	1.85	.00	.20	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.9600 DTH = .0200 ITERR = 0
QU(1) = 2360.99 YU(1) = 1583.08 QU(N) = 2149.24 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.08	2.18	0.	1083.	0.	2.36	.00	2.15	.00	.33	.4	.88
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.72	0.	1251.	0.	2.15	.00	1.85	.00	.20	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 3.9800 DTH = .0200 ITERR = 0
QU(1) = 2417.99 YU(1) = 1583.10 QU(N) = 2151.97 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.10	2.18	0.	1111.	0.	2.42	.00	2.24	.00	.36	.4	.90
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.72	0.	1252.	0.	2.15	.00	1.85	.00	.20	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.0000 DTH = .0200 ITERR = 0
QU(1) = 2474.99 YU(1) = 1583.13 QU(N) = 2154.77 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.13	2.17	0.	1138.	0.	2.47	.00	2.33	.00	.38	.4	.93
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1130.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.72	0.	1253.	0.	2.15	.00	1.86	.00	.20	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.0200 DTH = .0200 ITERR = 0
QU(1) = 2531.99 YU(1) = 1583.15 QU(N) = 2157.54 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.15	2.17	0.	1167.	0.	2.53	.00	2.43	.00	.40	.4	.95
24	1.640	1535.27	1.87	0.	852.	0.	1.59	.00	1.23	.00	.14	.4	1.27

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.25	.4	1.07
164	10.290	1356.09	1.72	0.	1254.	0.	2.16	.00	1.86	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.0400 DTH = .0200 ITERR = 0
QU(1) = 2588.99 YU(1) = 1583.17 QU(N) = 2160.32 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.17	2.17	0.	1194.	0.	2.59	.00	2.53	.00	.42	.4	.97
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.72	0.	1254.	0.	2.16	.00	1.86	.00	.20	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.0600 DTH = .0200 ITERR = 0
QU(1) = 2645.99 YU(1) = 1583.19 QU(N) = 2163.16 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.19	2.16	0.	1223.	0.	2.65	.00	2.63	.00	.44	.4	.99
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.72	0.	1255.	0.	2.16	.00	1.86	.00	.21	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.0800 DTH = .0200 ITERR = 0
QU(1) = 2702.99 YU(1) = 1583.21 QU(N) = 2165.93 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.21	2.17	0.	1244.	0.	2.70	.00	2.69	.00	.46	.4	1.01
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.09	1.72	0.	1256.	0.	2.17	.00	1.86	.00	.21	.4	1.09

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.1000 DTH = .0200 ITERR = 0
QU(1) = 2759.99 YU(1) = 1583.22 QU(N) = 2167.28 YU(N) = 1356.09

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.22	2.20	0.	1256.	0.	2.76	.00	2.74	.00	.47	.4	1.02
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.37
164	10.290	1356.09	1.72	0.	1257.	0.	2.17	.00	1.86	.00	.21	.4	1.09

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.1200 DTH = .0200 ITERR = 0
QU(1) = 2816.99 YU(1) = 1583.23 QU(N) = 2169.35 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.23	2.22	0.	1271.	0.	2.82	.00	2.78	.00	.48	.4	1.03
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1257.	0.	2.17	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.1400 DTH = .0200 ITERR = 0
QU(1) = 2873.99 YU(1) = 1583.23 QU(N) = 2170.43 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.23	2.25	0.	1279.	0.	2.87	.00	2.83	.00	.48	.4	1.03
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1257.	0.	2.17	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.1600 DTH = .0200 ITERR = 0
QU(1) = 2930.99 YU(1) = 1583.25 QU(N) = 2171.26 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.25	2.26	0.	1295.	0.	2.93	.00	2.87	.00	.50	.4	1.05
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1258.	0.	2.17	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.1800 DTH = .0200 ITERR = 0
QU(1) = 2987.99 YU(1) = 1583.25 QU(N) = 2172.94 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.25	2.29	0.	1305.	0.	2.99	.00	2.91	.00	.51	.4	1.05
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1258.	0.	2.17	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.2000 DTH = .0200 ITERR = 1
QU(1) = 3044.99 YU(1) = 1583.26 QU(N) = 2174.19 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.26	2.32	0.	1315.	0.	3.04	.00	2.96	.00	.51	.4	1.06
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1035.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1259.	0.	2.17	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.2200 DTH = .0200 ITERR = 0
QU(1) = 3182.75 YU(1) = 1583.29 QU(N) = 2174.94 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.29	2.36	0.	1346.	0.	3.18	.00	3.07	.00	.54	.4	1.09
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1259.	0.	2.17	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.2400 DTH = .0200 ITERR = 0
QU(1) = 3320.51 YU(1) = 1583.30 QU(N) = 2175.96 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.30	2.42	0.	1371.	0.	3.32	.00	3.18	.00	.56	.4	1.10
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1259.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.2600 DTH = .0200 ITERR = 0
QU(1) = 3458.28 YU(1) = 1583.33 QU(N) = 2176.84 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.33	2.46	0.	1403.	0.	3.46	.00	3.29	.00	.58	.4	1.13
24	1.640	1535.28	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1259.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.2800 DTH = .0200 ITERR = 0
QU(1) = 3596.05 YU(1) = 1583.35 QU(N) = 2177.79 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.35	2.51	0.	1430.	0.	3.60	.00	3.41	.00	.60	.4	1.15
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1260.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.3000 DTH = .0200 ITERR = 0
QU(1) = 3733.81 YU(1) = 1583.37 QU(N) = 2178.70 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.37	2.56	0.	1460.	0.	3.73	.00	3.52	.00	.62	.4	1.17
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1260.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.3200 DTH = .0200 ITERR = 0
QU(1) = 3871.58 YU(1) = 1583.39 QU(N) = 2179.64 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.39	2.60	0.	1488.	0.	3.87	.00	3.64	.00	.65	.4	1.19
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1260.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.3400 DTH = .0200 ITERR = 0
QU(1) = 4009.35 YU(1) = 1583.42 QU(N) = 2180.56 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.42	2.64	0.	1518.	0.	4.01	.00	3.76	.00	.67	.4	1.22
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1261.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.3600 DTH = .0200 ITERR = 0
QU(1) = 4147.11 YU(1) = 1583.44 QU(N) = 2181.49 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.44	2.68	0.	1546.	0.	4.15	.00	3.88	.00	.69	.4	1.24
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1261.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.3800 DTH = .0200 ITERR = 0
QU(1) = 4284.88 YU(1) = 1583.46 QU(N) = 2182.41 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.46	2.72	0.	1575.	0.	4.28	.00	4.00	.00	.71	.4	1.26
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1261.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.4000 DTH = .0200 ITERR = 0
QU(1) = 4422.65 YU(1) = 1583.48 QU(N) = 2183.34 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.48	2.76	0.	1604.	0.	4.42	.00	4.13	.00	.74	.4	1.28
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1261.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.4200 DTH = .0200 ITERR = 0
QU(1) = 4560.41 YU(1) = 1583.51 QU(N) = 2184.27 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.51	2.79	0.	1633.	0.	4.56	.00	4.25	.00	.76	.4	1.31
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1262.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.4400 DTH = .0200 ITERR = 0
QU(1) = 4698.18 YU(1) = 1583.53 QU(N) = 2185.19 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.53	2.83	0.	1662.	0.	4.70	.00	4.38	.00	.78	.4	1.33
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1262.	0.	2.19	.00	1.87	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.4600 DTH = .0200 ITERR = 0
QU(1) = 4835.94 YU(1) = 1583.55 QU(N) = 2186.13 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.55	2.86	0.	1691.	0.	4.84	.00	4.51	.00	.80	.4	1.35
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1262.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.4800 DTH = .0200 ITERR = 0
QU(1) = 4973.71 YU(1) = 1583.57 QU(N) = 2187.09 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.57	2.89	0.	1720.	0.	4.97	.00	4.64	.00	.32	.4	1.37
24	1.640	1535.27	1.87	0.	853.	0.	1.59	.00	1.23	.00	.14	.4	1.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1262.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.5000 DTH = .0200 ITERR = 0
QU(1) = 5111.48 YU(1) = 1583.60 QU(N) = 2187.30 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.60	2.92	0.	1749.	0.	5.11	.00	4.77	.00	.85	.4	1.40
24	1.640	1535.28	1.87	0.	854.	0.	1.59	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.5200 DTH = .0200 ITERR = 0
QU(1) = 5249.24 YU(1) = 1583.62 QU(N) = 2187.80 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.62	2.95	0.	1777.	0.	5.25	.00	4.90	.00	.87	.4	1.42
24	1.640	1535.28	1.87	0.	854.	0.	1.60	.00	1.23	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.5400 DTH = .0200 ITERR = 0
QU(1) = 5387.01 YU(1) = 1583.64 QU(N) = 2187.58 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.64	2.98	0.	1806.	0.	5.39	.00	5.03	.00	.89	.4	1.44
24	1.640	1535.28	1.87	0.	856.	0.	1.60	.00	1.24	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.5600 DTH = .0200 ITERR = 0
QU(1) = 5524.78 YU(1) = 1583.66 QU(N) = 2187.68 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.66	3.01	0.	1835.	0.	5.52	.00	5.17	.00	.91	.4	1.46
24	1.640	1535.28	1.88	0.	860.	0.	1.61	.00	1.25	.00	.14	.4	1.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.5800 DTH = .0200 ITERR = 0
QU(1) = 5662.54 YU(1) = 1583.68 QU(N) = 2187.64 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.68	3.04	0.	1864.	0.	5.66	.00	5.30	.00	.93	.4	1.48
24	1.640	1535.29	1.89	0.	869.	0.	1.64	.00	1.27	.00	.15	.4	1.29
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.6000 DTH = .0200 ITERR = 0
QU(1) = 5800.31 YU(1) = 1583.71 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.71	3.06	0.	1893.	0.	5.80	.00	5.44	.00	.96	.4	1.51
24	1.640	1535.30	1.91	0.	885.	0.	1.69	.00	1.30	.00	.16	.4	1.30
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.6200 DTH = .0200 ITERR = 0
QU(1) = 5938.08 YU(1) = 1583.73 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.73	3.09	0.	1922.	0.	5.94	.00	5.58	.00	.98	.4	1.53
24	1.640	1535.32	1.93	0.	908.	0.	1.75	.00	1.35	.00	.18	.4	1.32

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.6400 DTH = .0200 ITERR = 0
QU(1) = 6075.84 YU(1) = 1583.75 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.75	3.12	0.	1950.	0.	6.08	.00	5.72	.00	1.00	.4	1.55
24	1.640	1535.34	1.95	0.	937.	0.	1.83	.00	1.42	.00	.20	.4	1.34
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.6600 DTH = .0200 ITERR = 0
QU(1) = 6213.61 YU(1) = 1583.77 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.77	3.14	0.	1979.	0.	6.21	.00	5.86	.00	1.02	.4	1.57
24	1.640	1535.36	1.97	0.	971.	0.	1.92	.00	1.49	.00	.22	.4	1.36
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.6800 DTH = .0200 ITERR = 0
QU(1) = 6351.38 YU(1) = 1583.79 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.79	3.16	0.	2008.	0.	6.35	.00	6.01	.00	1.05	.4	1.59
24	1.640	1535.39	1.99	0.	1009.	0.	2.01	.00	1.57	.00	.25	.4	1.39
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.7000 DTH = .0200 ITERR = 0
QU(1) = 6489.14 YU(1) = 1583.82 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.82	3.19	0.	2037.	0.	6.49	.00	6.15	.00	1.07	.4	1.62
24	1.640	1535.41	2.01	0.	1049.	0.	2.11	.00	1.65	.00	.28	.4	1.41
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.7200 DTH = .0200 ITERR = 0
QU(1) = 6626.91 YU(1) = 1583.84 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.84	3.21	0.	2066.	0.	6.63	.00	6.30	.00	1.09	.4	1.64
24	1.640	1535.44	2.03	0.	1089.	0.	2.21	.00	1.74	.00	.31	.4	1.44
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.7400 DTH = .0200 ITERR = 0
QU(1) = 6764.67 YU(1) = 1583.86 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.86	3.23	0.	2094.	0.	6.76	.00	6.45	.00	1.11	.4	1.66
24	1.640	1535.47	2.04	0.	1130.	0.	2.30	.00	1.83	.00	.33	.4	1.47
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.7600 DTH = .0200 ITERR = 0
QU(1) = 6902.44 YU(1) = 1583.88 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.88	3.25	0.	2123.	0.	6.90	.00	6.60	.00	1.13	.4	1.68
24	1.640	1535.49	2.04	0.	1170.	0.	2.39	.00	1.92	.00	.36	.4	1.49
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.7800 DTH = .0200 ITERR = 0
QU(1) = 7040.21 YU(1) = 1583.91 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.91	3.27	0.	2152.	0.	7.04	.00	6.75	.00	1.16	.4	1.71
24	1.640	1535.52	2.05	0.	1210.	0.	2.48	.00	2.00	.00	.38	.4	1.52
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.8000 DTH = .0200 ITERR = 0
QU(1) = 7177.97 YU(1) = 1583.93 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.93	3.29	0.	2181.	0.	7.18	.00	6.90	.00	1.18	.4	1.73
24	1.640	1535.54	2.06	0.	1249.	0.	2.57	.00	2.09	.00	.41	.4	1.54
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.8200 DTH = .0200 ITERR = 0
QU(1) = 7409.36 YU(1) = 1583.96 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.96	3.33	0.	2224.	0.	7.41	.00	7.15	.00	1.21	.4	1.76
24	1.640	1535.57	2.06	0.	1288.	0.	2.65	.00	2.18	.00	.43	.4	1.57
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.8400 DTH = .0200 ITERR = 0
QU(1) = 7640.76 YU(1) = 1584.00 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.00	3.36	0.	2272.	0.	7.64	.00	7.41	.00	1.25	.4	1.80
24	1.640	1535.59	2.06	0.	1326.	0.	2.73	.00	2.26	.00	.45	.4	1.59
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.8600 DTH = .0200 ITERR = 0
QU(1) = 7872.16 YU(1) = 1584.03 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.03	3.39	0.	2320.	0.	7.87	.00	7.68	.00	1.29	.4	1.83
24	1.640	1535.61	2.06	0.	1365.	0.	2.81	.00	2.35	.00	.48	.4	1.61
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.8800 DTH = .0200 ITERR = 0
QU(1) = 8103.56 YU(1) = 1584.07 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.07	3.42	0.	2368.	0.	8.10	.00	7.95	.00	1.32	.4	1.87
24	1.640	1535.64	2.06	0.	1404.	0.	2.90	.00	2.44	.00	.50	.4	1.64
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.9000 DTH = .0200 ITERR = 0
QU(1) = 8334.96 YU(1) = 1584.11 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.11	3.45	0.	2416.	0.	8.33	.00	8.22	.00	1.36	.4	1.91
24	1.640	1535.66	2.06	0.	1444.	0.	2.98	.00	2.54	.00	.52	.4	1.66
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.9200 DTH = .0200 ITERR = 0
QU(1) = 8566.35 YU(1) = 1584.15 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.15	3.48	0.	2464.	0.	8.57	.00	8.49	.00	1.40	.4	1.95
24	1.640	1535.68	2.06	0.	1486.	0.	3.06	.00	2.64	.00	.55	.4	1.68

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.9400 DTH = .0200 ITERR = 0
QU(1) = 8797.75 YU(1) = 1584.18 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.18	3.50	0.	2512.	0.	8.80	.00	8.77	.00	1.43	.4	1.98
24	1.640	1535.71	2.06	0.	1528.	0.	3.15	.00	2.74	.00	.57	.4	1.71
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.9600 DTH = .0200 ITERR = 0
QU(1) = 9029.15 YU(1) = 1584.22 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.22	3.53	0.	2556.	0.	9.03	.00	9.01	.00	1.47	.4	2.02
24	1.640	1535.73	2.06	0.	1572.	0.	3.24	.00	2.85	.00	.60	.4	1.73
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 4.9800 DTH = .0200 ITERR = 0
QU(1) = 9260.55 YU(1) = 1584.24 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.24	3.57	0.	2592.	0.	9.26	.00	9.21	.00	1.50	.4	2.04
24	1.640	1535.76	2.06	0.	1618.	0.	3.33	.00	2.96	.00	.62	.4	1.76
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.0000 DTH = .0200 ITERR = 0
QU(1) = 9491.95 YU(1) = 1584.27 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.27	3.61	0.	2627.	0.	9.49	.00	9.41	.00	1.52	.4	2.07
24	1.640	1535.78	2.06	0.	1666.	0.	3.43	.00	3.08	.00	.65	.4	1.78
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.0200 DTH = .0200 ITERR = 0
QU(1) = 9723.35 YU(1) = 1584.30 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.30	3.66	0.	2660.	0.	9.72	.00	9.62	.00	1.55	.5	2.10
24	1.640	1535.81	2.05	0.	1715.	0.	3.52	.00	3.21	.00	.67	.4	1.81
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.0400 DTH = .0200 ITERR = 0
QU(1) = 9954.75 YU(1) = 1584.32 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.32	3.69	0.	2694.	0.	9.95	.00	9.82	.00	1.57	.5	2.12
24	1.640	1535.83	2.05	0.	1765.	0.	3.62	.00	3.34	.00	.70	.4	1.83
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.0600 DTH = .0200 ITERR = 0
QU(1) = 10186.15 YU(1) = 1584.35 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.35	3.73	0.	2728.	0.	10.19	.00	10.03	.00	1.60	.5	2.15
24	1.640	1535.86	2.04	0.	1817.	0.	3.71	.00	3.47	.00	.72	.4	1.86
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.0800 DTH = .0200 ITERR = 0
QU(1) = 10417.55 YU(1) = 1584.37 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.37	3.77	0.	2762.	0.	10.42	.00	10.24	.00	1.63	.5	2.17
24	1.640	1535.89	2.04	0.	1870.	0.	3.81	.00	3.61	.00	.75	.4	1.89
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.1000 DTH = .0200 ITERR = 0
QU(1) = 10648.95 YU(1) = 1584.40 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.40	3.81	0.	2796.	0.	10.65	.00	10.45	.00	1.65	.5	2.20
24	1.640	1535.91	2.03	0.	1925.	0.	3.91	.00	3.75	.00	.78	.4	1.91
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.1200 DTH = .0200 ITERR = 0
QU(1) = 10880.35 YU(1) = 1584.43 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.43	3.85	0.	2829.	0.	10.88	.00	10.67	.00	1.68	.5	2.23
24	1.640	1535.94	2.03	0.	1980.	0.	4.01	.00	3.90	.00	.81	.4	1.94
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.1400 DTH = .0200 ITERR = 0
QU(1) = 11111.75 YU(1) = 1584.45 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.45	3.88	0.	2863.	0.	11.11	.00	10.88	.00	1.70	.5	2.25
24	1.640	1535.97	2.02	0.	2038.	0.	4.12	.00	4.06	.00	.83	.4	1.97
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.1600 DTH = .0200 ITERR = 0
QU(1) = 11343.15 YU(1) = 1584.48 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.48	3.92	0.	2897.	0.	11.34	.00	11.10	.00	1.73	.5	2.28
24	1.640	1536.00	2.01	0.	2096.	0.	4.22	.00	4.21	.00	.86	.4	2.00
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.1800 DTH = .0200 ITERR = 0
QU(1) = 11574.55 YU(1) = 1584.50 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.50	3.95	0.	2931.	0.	11.57	.00	11.32	.00	1.76	.5	2.30
24	1.640	1536.02	2.04	0.	2151.	0.	4.38	.00	4.31	.00	.89	.4	2.02
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.2000 DTH = .0200 ITERR = 0
QU(1) = 11805.95 YU(1) = 1584.53 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.53	3.98	0.	2964.	0.	11.81	.00	11.54	.00	1.78	.5	2.33
24	1.640	1536.05	2.06	0.	2199.	0.	4.53	.00	4.39	.00	.91	.4	2.05
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.2200 DTH = .0200 ITERR = 0
QU(1) = 12037.35 YU(1) = 1584.56 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.56	4.02	0.	2998.	0.	12.04	.00	11.76	.00	1.81	.5	2.36
24	1.640	1536.07	2.07	0.	2244.	0.	4.65	.00	4.47	.00	.93	.4	2.07

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.2400 DTH = .0200 ITERR = 0
QU(1) = 12268.75 YU(1) = 1584.58 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.58	4.05	0.	3032.	0.	12.27	.00	11.98	.00	1.83	.5	2.38
24	1.640	1536.11	2.14	0.	2335.	0.	5.00	.00	4.70	.00	.97	.4	2.11
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.2600 DTH = .0200 ITERR = 0
QU(1) = 12500.15 YU(1) = 1584.61 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.61	4.08	0.	3065.	0.	12.50	.00	12.21	.00	1.86	.5	2.41
24	1.640	1536.16	2.21	0.	2445.	0.	5.41	.00	5.00	.00	1.02	.4	2.16
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.2800 DTH = .0200 ITERR = 0
QU(1) = 12731.55 YU(1) = 1584.63 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.63	4.11	0.	3099.	0.	12.73	.00	12.43	.00	1.89	.5	2.43
24	1.640	1536.20	2.27	0.	2550.	0.	5.80	.00	5.30	.00	1.06	.4	2.20
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.3000 DTH = .0200 ITERR = 0
QU(1) = 12962.95 YU(1) = 1584.66 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.66	4.14	0.	3133.	0.	12.96	.00	12.66	.00	1.91	.5	2.46
24	1.640	1536.24	2.32	0.	2647.	0.	6.15	.00	5.58	.00	1.10	.4	2.24
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.3200 DTH = .0200 ITERR = 0
QU(1) = 13194.35 YU(1) = 1584.69 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.69	4.17	0.	3166.	0.	13.19	.00	12.89	.00	1.94	.5	2.49
24	1.640	1536.28	2.35	0.	2752.	0.	6.47	.00	5.83	.00	1.15	.4	2.28
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.3400 DTH = .0200 ITERR = 0
QU(1) = 13425.75 YU(1) = 1584.71 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.71	4.20	0.	3200.	0.	13.43	.00	13.12	.00	1.96	.5	2.51
24	1.640	1536.33	2.37	0.	2864.	0.	6.80	.00	6.11	.00	1.19	.4	2.33
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.3600 DTH = .0200 ITERR = 0
QU(1) = 13657.15 YU(1) = 1584.74 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.74	4.22	0.	3233.	0.	13.66	.00	13.36	.00	1.99	.5	2.54
24	1.640	1536.37	2.40	0.	2972.	0.	7.14	.00	6.41	.00	1.23	.4	2.37
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 47

TT = 5.3800 DTH = .0200 ITERR = 0
QU(1) = 13888.55 YU(1) = 1584.76 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.76	4.25	0.	3267.	0.	13.89	.00	13.59	.00	2.01	.5	2.56
24	1.640	1536.41	2.43	0.	3080.	0.	7.48	.00	6.71	.00	1.27	.4	2.41
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 5.4000 DTH = .0200 ITERR = 0
QU(1) = 14119.95 YU(1) = 1584.79 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.79	4.28	0.	3301.	0.	14.12	.00	13.83	.00	2.04	.5	2.59
24	1.640	1536.45	2.45	0.	3187.	0.	7.82	.00	7.03	.00	1.31	.4	2.45
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 5.4200 DTH = .0200 ITERR = 0
QU(1) = 14351.35 YU(1) = 1584.81 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.81	4.30	0.	3334.	0.	14.35	.00	14.07	.00	2.07	.5	2.61
24	1.640	1536.49	2.47	0.	3300.	0.	8.14	.00	7.33	.00	1.35	.4	2.49
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 5.4400 DTH = .0200 ITERR = 0
QU(1) = 14582.75 YU(1) = 1584.84 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.84	4.33	0.	3368.	0.	14.58	.00	14.31	.00	2.09	.5	2.64
24	1.640	1536.53	2.47	0.	3414.	0.	8.45	.00	7.64	.00	1.39	.4	2.53
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 5.4600 DTH = .0200 ITERR = 0
QU(1) = 14814.15 YU(1) = 1584.87 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.87	4.36	0.	3401.	0.	14.81	.00	14.55	.00	2.12	.5	2.67
24	1.640	1536.56	2.48	0.	3522.	0.	8.74	.00	7.95	.00	1.43	.4	2.56
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .31 IIFM= 48

TT = 5.4800 DTH = .0200 ITERR = 0
QU(1) = 15045.55 YU(1) = 1584.89 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.89	4.38	0.	3435.	0.	15.05	.00	14.79	.00	2.14	.5	2.69
24	1.640	1536.60	2.49	0.	3623.	0.	9.03	.00	8.25	.00	1.46	.4	2.60
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .32 IIFM= 48

TT = 5.5000 DTH = .0200 ITERR = 0
QU(1) = 15276.95 YU(1) = 1584.92 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.92	4.40	0.	3468.	0.	15.28	.00	15.03	.00	2.17	.5	2.72
24	1.640	1536.63	2.50	0.	3723.	0.	9.30	.00	8.53	.00	1.50	.4	2.63
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .32 IIFM= 48

TT = 5.5200 DTH = .0200 ITERR = 0
QU(1) = 15508.35 YU(1) = 1584.94 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.94	4.43	0.	3502.	0.	15.51	.00	15.28	.00	2.19	.5	2.74
24	1.640	1536.66	2.50	0.	3821.	0.	9.55	.00	8.81	.00	1.53	.4	2.66

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .32 IIFM= 48

TT = 5.5400 DTH = .0200 ITERR = 0
QU(1) = 15739.75 YU(1) = 1584.97 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.97	4.45	0.	3535.	0.	15.74	.00	15.53	.00	2.22	.5	2.77
24	1.640	1536.69	2.50	0.	3917.	0.	9.79	.00	9.09	.00	1.56	.4	2.69
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .32 IIFM= 49

TT = 5.5600 DTH = .0200 ITERR = 0
QU(1) = 15971.15 YU(1) = 1585.00 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.00	4.48	0.	3569.	0.	15.97	.00	15.78	.00	2.25	.5	2.80
24	1.640	1536.72	2.50	0.	4009.	0.	10.02	.00	9.36	.00	1.59	.4	2.72
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .31 IIFM= 49

TT = 5.5800 DTH = .0200 ITERR = 0
QU(1) = 16202.55 YU(1) = 1585.02 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.02	4.50	0.	3602.	0.	16.20	.00	16.03	.00	2.27	.5	2.82
24	1.640	1536.75	2.50	0.	4098.	0.	10.25	.00	9.63	.00	1.62	.4	2.75
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .32 IIFM= 49

TT = 5.6000 DTH = .0200 ITERR = 0
QU(1) = 16433.95 YU(1) = 1585.05 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.05	4.52	0.	3636.	0.	16.43	.00	16.28	.00	2.30	.5	2.85
24	1.640	1536.78	2.50	0.	4187.	0.	10.47	.00	9.90	.00	1.64	.4	2.78
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 49

TT = 5.6200 DTH = .0200 ITERR = 0
QU(1) = 16665.35 YU(1) = 1585.07 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.07	4.54	0.	3669.	0.	16.67	.00	16.53	.00	2.32	.5	2.87
24	1.640	1536.80	2.50	0.	4275.	0.	10.69	.00	10.16	.00	1.67	.4	2.80
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 49

TT = 5.6400 DTH = .0200 ITERR = 0
QU(1) = 16896.75 YU(1) = 1585.10 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.10	4.56	0.	3703.	0.	16.90	.00	16.79	.00	2.35	.5	2.90
24	1.640	1536.83	2.50	0.	4364.	0.	10.90	.00	10.43	.00	1.70	.4	2.83
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 50

TT = 5.6600 DTH = .0200 ITERR = 0
QU(1) = 17128.15 YU(1) = 1585.12 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.12	4.58	0.	3736.	0.	17.13	.00	17.04	.00	2.38	.5	2.92
24	1.640	1536.86	2.50	0.	4451.	0.	11.12	.00	10.70	.00	1.72	.4	2.86
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .32 IIFM= 50

TT = 5.6800 DTH = .0200 ITERR = 0
QU(1) = 17359.55 YU(1) = 1585.15 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.15	4.61	0.	3770.	0.	17.36	.00	17.30	.00	2.40	.5	2.95
24	1.640	1536.88	2.50	0.	4538.	0.	11.33	.00	10.98	.00	1.75	.4	2.38
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 50

TT = 5.7000 DTH = .0200 ITERR = 0
QU(1) = 17590.95 YU(1) = 1585.18 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.18	4.63	0.	3803.	0.	17.59	.00	17.56	.00	2.43	.5	2.98
24	1.640	1536.91	2.49	0.	4626.	0.	11.53	.00	11.25	.00	1.77	.4	2.91
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 50

TT = 5.7200 DTH = .0200 ITERR = 0
QU(1) = 17822.35 YU(1) = 1585.20 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.20	4.65	0.	3836.	0.	17.82	.00	17.82	.00	2.45	.5	3.00
24	1.640	1536.93	2.49	0.	4715.	0.	11.74	.00	11.53	.00	1.80	.4	2.93
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 50

TT = 5.7400 DTH = .0200 ITERR = 0
QU(1) = 18053.75 YU(1) = 1585.22 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.22	4.67	0.	3866.	0.	18.05	.00	18.03	.00	2.48	.5	3.02
24	1.640	1536.96	2.49	0.	4804.	0.	11.95	.00	11.81	.00	1.82	.4	2.95
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 51

TT = 5.7600 DTH = .0200 ITERR = 0
QU(1) = 18285.15 YU(1) = 1585.25 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.25	4.70	0.	3894.	0.	18.29	.00	18.24	.00	2.50	.5	3.05
24	1.640	1536.98	2.48	0.	4892.	0.	12.16	.00	12.10	.00	1.85	.4	2.98
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .32 IIFM= 51

TT = 5.7800 DTH = .0200 ITERR = 0
QU(1) = 18516.55 YU(1) = 1585.27 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.27	4.72	0.	3921.	0.	18.52	.00	18.46	.00	2.52	.5	3.07
24	1.640	1537.01	2.48	0.	4983.	0.	12.36	.00	12.34	.00	1.87	.4	3.01
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 51

TT = 5.8000 DTH = .0200 ITERR = 0
QU(1) = 18747.95 YU(1) = 1585.29 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.29	4.75	0.	3947.	0.	18.75	.00	18.66	.00	2.54	.5	3.09
24	1.640	1537.03	2.50	0.	5066.	0.	12.67	.00	12.61	.00	1.90	.4	3.03
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 51

TT = 5.8200 DTH = .0200 ITERR = 0
QU(1) = 18979.35 YU(1) = 1585.31 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.31	4.78	0.	3974.	0.	18.98	.00	18.88	.00	2.56	.5	3.11
24	1.640	1537.05	2.50	0.	5143.	0.	12.88	.00	12.79	.00	1.92	.4	3.05

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .34 IIFM= 51

TT = 5.8400 DTH = .0200 ITERR = 0
QU(1) = 19210.75 YU(1) = 1585.33 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.33	4.80	0.	4000.	0.	19.21	.00	19.09	.00	2.58	.5	3.13
24	1.640	1537.07	2.51	0.	5217.	0.	13.11	.00	12.99	.00	1.94	.4	3.07
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .33 IIFM= 52

TT = 5.8600 DTH = .0200 ITERR = 0
QU(1) = 19442.15 YU(1) = 1585.35 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.35	4.83	0.	4026.	0.	19.44	.00	19.31	.00	2.60	.5	3.15
24	1.640	1537.09	2.52	0.	5290.	0.	13.32	.00	13.17	.00	1.96	.4	3.09
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .33 IIFM= 52

TT = 5.8800 DTH = .0200 ITERR = 0
QU(1) = 19673.54 YU(1) = 1585.37 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.37	4.85	0.	4053.	0.	19.67	.00	19.52	.00	2.62	.5	3.17
24	1.640	1537.11	2.53	0.	5355.	0.	13.54	.00	13.37	.00	1.97	.4	3.11
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .34 IIFM= 52

TT = 5.9000 DTH = .0200 ITERR = 0
QU(1) = 19904.95 YU(1) = 1585.39 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.39	4.88	0.	4079.	0.	19.90	.00	19.74	.00	2.64	.5	3.19
24	1.640	1537.13	2.54	0.	5414.	0.	13.75	.00	13.57	.00	1.99	.4	3.13
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .34 IIFM= 52

TT = 5.9200 DTH = .0200 ITERR = 0
QU(1) = 20136.35 YU(1) = 1585.41 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.41	4.90	0.	4106.	0.	20.14	.00	19.96	.00	2.66	.5	3.21
24	1.640	1537.14	2.55	0.	5471.	0.	13.97	.00	13.77	.00	2.01	.4	3.14
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .35 IIFM= 52

TT = 5.9400 DTH = .0200 ITERR = 0
QU(1) = 20367.75 YU(1) = 1585.43 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.43	4.93	0.	4132.	0.	20.37	.00	20.18	.00	2.68	.5	3.23
24	1.640	1537.16	2.57	0.	5534.	0.	14.21	.00	14.00	.00	2.02	.4	3.16
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .33 IIFM= 53

TT = 5.9600 DTH = .0200 ITERR = 0
QU(1) = 20599.14 YU(1) = 1585.45 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.45	4.95	0.	4158.	0.	20.60	.00	20.40	.00	2.70	.5	3.25
24	1.640	1537.17	2.58	0.	5602.	0.	14.46	.00	14.23	.00	2.04	.4	3.17
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .34 IIFM= 53

TT = 5.9800 DTH = .0200 ITERR = 0
QU(1) = 20830.54 YU(1) = 1585.47 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.47	4.98	0.	4185.	0.	20.83	.00	20.62	.00	2.72	.5	3.27
24	1.640	1537.20	2.60	0.	5684.	0.	14.75	.00	14.52	.00	2.06	.4	3.20
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 53

TT = 6.0000 DTH = .0200 ITERR = 0
QU(1) = 21061.95 YU(1) = 1585.49 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.49	5.00	0.	4211.	0.	21.06	.00	20.84	.00	2.74	.5	3.29
24	1.640	1537.22	2.61	0.	5778.	0.	15.09	.00	14.84	.00	2.08	.4	3.22
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 53

TT = 6.0200 DTH = .0200 ITERR = 0
QU(1) = 22072.06 YU(1) = 1585.56 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.56	5.12	0.	4308.	0.	22.07	.00	21.82	.00	2.82	.5	3.36
24	1.640	1537.24	2.62	0.	5873.	0.	15.40	.00	15.16	.00	2.11	.4	3.24
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 54

TT = 6.0400 DTH = .0200 ITERR = 0
QU(1) = 23082.36 YU(1) = 1585.65 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.65	5.22	0.	4420.	0.	23.08	.00	22.81	.00	2.90	.5	3.45
24	1.640	1537.27	2.63	0.	5967.	0.	15.72	.00	15.47	.00	2.13	.4	3.27
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 54

TT = 6.0600 DTH = .0200 ITERR = 0
QU(1) = 24092.66 YU(1) = 1585.74 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.74	5.32	0.	4533.	0.	24.09	.00	23.82	.00	2.99	.5	3.54
24	1.640	1537.29	2.65	0.	6057.	0.	16.03	.00	15.79	.00	2.15	.4	3.29
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 53

TT = 6.0800 DTH = .0200 ITERR = 0
QU(1) = 25102.96 YU(1) = 1585.82 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.82	5.40	0.	4646.	0.	25.10	.00	24.85	.00	3.07	.5	3.62
24	1.640	1537.31	2.66	0.	6149.	0.	16.34	.00	16.11	.00	2.18	.4	3.31
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 54

TT = 6.1000 DTH = .0200 ITERR = 0
QU(1) = 26113.25 YU(1) = 1585.91 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.91	5.48	0.	4761.	0.	26.11	.00	25.89	.00	3.16	.5	3.71
24	1.640	1537.34	2.67	0.	6244.	0.	16.65	.00	16.43	.00	2.20	.4	3.34
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 54

TT = 6.1200 DTH = .0200 ITERR = 0
QU(1) = 27123.55 YU(1) = 1586.00 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.00	5.56	0.	4875.	0.	27.12	.00	26.95	.00	3.25	.5	3.80
24	1.640	1537.36	2.68	0.	6339.	0.	16.97	.00	16.77	.00	2.22	.4	3.36

64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 55

TT = 6.1400 DTH = .0200 ITERR = 0
QU(1) = 28133.85 YU(1) = 1586.09 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.09	5.64	0.	4990.	0.	28.13	.00	28.03	.00	3.34	.5	3.89
24	1.640	1537.38	2.68	0.	6438.	0.	17.28	.00	17.10	.00	2.25	.4	3.33
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 55

TT = 6.1600 DTH = .0200 ITERR = 0
QU(1) = 29144.15 YU(1) = 1586.18 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.18	5.71	0.	5103.	0.	29.14	.00	29.12	.00	3.43	.5	3.98
24	1.640	1537.41	2.69	0.	6534.	0.	17.60	.00	17.44	.00	2.27	.4	3.41
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 55

TT = 6.1800 DTH = .0200 ITERR = 0
QU(1) = 30154.45 YU(1) = 1586.26 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.26	5.79	0.	5211.	0.	30.15	.00	30.10	.00	3.51	.5	4.06
24	1.640	1537.43	2.70	0.	6630.	0.	17.90	.00	17.77	.00	2.29	.4	3.43
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 55

TT = 6.2000 DTH = .0200 ITERR = 0
QU(1) = 31164.75 YU(1) = 1586.34 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.34	5.87	0.	5312.	0.	31.16	.00	31.05	.00	3.59	.5	4.14
24	1.640	1537.45	2.71	0.	6722.	0.	18.19	.00	18.10	.00	2.31	.4	3.45
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 56

TT = 6.2200 DTH = .0200 ITERR = 0
QU(1) = 32175.05 YU(1) = 1586.41 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.41	5.95	0.	5408.	0.	32.18	.00	32.01	.00	3.66	.5	4.21
24	1.640	1537.47	2.71	0.	6812.	0.	18.46	.00	18.41	.00	2.34	.4	3.47
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .33 IIFM= 56

TT = 6.2400 DTH = .0200 ITERR = 0
QU(1) = 33185.34 YU(1) = 1586.48 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.48	6.03	0.	5503.	0.	33.19	.00	32.98	.00	3.73	.5	4.28
24	1.640	1537.49	2.72	0.	6899.	0.	18.73	.00	18.71	.00	2.36	.4	3.49
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 55

TT = 6.2600 DTH = .0200 ITERR = 0
QU(1) = 34195.64 YU(1) = 1586.56 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.56	6.11	0.	5597.	0.	34.20	.00	33.96	.00	3.81	.5	4.36
24	1.640	1537.51	2.72	0.	6983.	0.	19.01	.00	18.99	.00	2.38	.4	3.51
64	4.730	1465.66	2.12	0.	1038.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 56

TT = 6.2800 DTH = .0200 ITERR = 0
QU(1) = 35205.94 YU(1) = 1586.63 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.63	6.19	0.	5692.	0.	35.21	.00	34.96	.00	3.88	.5	4.43
24	1.640	1537.53	2.73	0.	7063.	0.	19.30	.00	19.24	.00	2.39	.4	3.53
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 56

TT = 6.3000 DTH = .0200 ITERR = 0
QU(1) = 36216.24 YU(1) = 1586.70 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.70	6.26	0.	5786.	0.	36.22	.00	35.96	.00	3.95	.5	4.50
24	1.640	1537.55	2.74	0.	7140.	0.	19.58	.00	19.49	.00	2.41	.4	3.55
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 57

TT = 6.3200 DTH = .0200 ITERR = 0
QU(1) = 37226.54 YU(1) = 1586.77 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.77	6.33	0.	5881.	0.	37.23	.00	36.98	.00	4.02	.5	4.57
24	1.640	1537.56	2.75	0.	7220.	0.	19.87	.00	19.75	.00	2.43	.4	3.56
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 57

TT = 6.3400 DTH = .0200 ITERR = 0
QU(1) = 38236.84 YU(1) = 1586.85 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.85	6.40	0.	5975.	0.	38.24	.00	38.01	.00	4.10	.5	4.65
24	1.640	1537.58	2.76	0.	7306.	0.	20.19	.00	20.04	.00	2.45	.4	3.58
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 57

TT = 6.3600 DTH = .0200 ITERR = 0
QU(1) = 39247.14 YU(1) = 1586.92 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.92	6.47	0.	6070.	0.	39.25	.00	39.04	.00	4.17	.5	4.72
24	1.640	1537.60	2.78	0.	7398.	0.	20.57	.00	20.39	.00	2.47	.4	3.60
64	4.730	1465.66	2.12	0.	1035.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 57

TT = 6.3800 DTH = .0200 ITERR = 0
QU(1) = 40257.44 YU(1) = 1586.99 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.99	6.53	0.	6165.	0.	40.26	.00	40.09	.00	4.24	.5	4.79
24	1.640	1537.63	2.80	0.	7505.	0.	21.03	.00	20.82	.00	2.49	.4	3.63
64	4.730	1465.66	2.12	0.	1036.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 58

TT = 6.4000 DTH = .0200 ITERR = 0
QU(1) = 41267.73 YU(1) = 1587.06 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.06	6.59	0.	6259.	0.	41.27	.00	41.15	.00	4.32	.5	4.86
24	1.640	1537.66	2.83	0.	7647.	0.	21.66	.00	21.42	.00	2.52	.4	3.66
64	4.730	1465.66	2.12	0.	1037.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 58

TT = 6.4200 DTH = .0200 ITERR = 0
QU(1) = 41245.21 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.08	6.57	0.	6280.	0.	41.25	.00	41.14	.00	4.33	.5	4.88
24	1.640	1537.70	2.87	0.	7851.	0.	22.57	.00	22.30	.00	2.57	.4	3.70

64	4.730	1465.66	2.12	0.	1038.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 58

TT = 6.4400 DTH = .0200 ITERR = 0
QU(1) = 41222.41 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.08	6.56	0.	6282.	0.	41.22	.00	41.12	.00	4.33	.5	4.88
24	1.640	1537.76	2.91	0.	8103.	0.	23.60	.00	23.32	.00	2.62	.4	3.76
64	4.730	1465.67	2.12	0.	1040.	0.	2.21	.00	1.12	.00	.02	.6	.67
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 58

TT = 6.4600 DTH = .0200 ITERR = 0
QU(1) = 41199.61 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.08	6.56	0.	6282.	0.	41.20	.00	41.10	.00	4.33	.5	4.88
24	1.640	1537.81	2.94	0.	8371.	0.	24.63	.00	24.37	.00	2.68	.4	3.81
64	4.730	1465.67	2.12	0.	1042.	0.	2.21	.00	1.12	.00	.02	.6	.67
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 58

TT = 6.4800 DTH = .0200 ITERR = 0
QU(1) = 41176.80 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.08	6.56	0.	6280.	0.	41.18	.00	41.07	.00	4.33	.5	4.88
24	1.640	1537.87	2.97	0.	8644.	0.	25.66	.00	25.44	.00	2.73	.4	3.87
64	4.730	1465.67	2.12	0.	1041.	0.	2.21	.00	1.12	.00	.02	.6	.67
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 59

TT = 6.5000 DTH = .0200 ITERR = 0
QU(1) = 41154.01 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.08	6.56	0.	6278.	0.	41.15	.00	41.05	.00	4.33	.5	4.88
24	1.640	1537.92	2.99	0.	8913.	0.	26.67	.00	26.52	.00	2.79	.4	3.92
64	4.730	1465.67	2.12	0.	1042.	0.	2.21	.00	1.12	.00	.02	.6	.67
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 59

TT = 6.5200 DTH = .0200 ITERR = 0
QU(1) = 41131.21 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.08	6.55	0.	6276.	0.	41.13	.00	41.02	.00	4.33	.5	4.88
24	1.640	1537.98	3.01	0.	9187.	0.	27.66	.00	27.62	.00	2.84	.4	3.98
64	4.730	1465.66	2.12	0.	1038.	0.	2.20	.00	1.11	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.5400 DTH = .0200 ITERR = 0
QU(1) = 41108.41 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.08	6.55	0.	6274.	0.	41.11	.00	41.00	.00	4.33	.5	4.88
24	1.640	1538.03	3.05	0.	9458.	0.	28.81	.00	28.73	.00	2.90	.4	4.03
64	4.730	1465.66	2.12	0.	1032.	0.	2.19	.00	1.10	.00	.02	.6	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 59

TT = 6.5600 DTH = .0200 ITERR = 0
QU(1) = 41085.61 YU(1) = 1587.07 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.07	6.55	0.	6272.	0.	41.09	.00	40.98	.00	4.33	.5	4.87
24	1.640	1538.08	3.09	3.	9716.	3.	30.06	.00	29.88	.00	2.95	.4	4.08
64	4.730	1465.66	2.13	0.	1028.	0.	2.19	.00	1.10	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 60

TT = 6.5800 DTH = .0200 ITERR = 0
QU(1) = 41062.80 YU(1) = 1587.07 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.07	6.55	0.	6270.	0.	41.06	.00	40.95	.00	4.32	.5	4.87
24	1.640	1538.14	3.14	9.	9989.	9.	31.42	.00	31.15	.00	3.00	.4	4.14
64	4.730	1465.66	2.13	0.	1023.	0.	2.18	.00	1.09	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 60

TT = 6.6000 DTH = .0200 ITERR = 0
QU(1) = 41040.01 YU(1) = 1587.07 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.07	6.55	0.	6268.	0.	41.04	.00	40.93	.00	4.32	.5	4.87
24	1.640	1538.19	3.20	18.	10256.	18.	32.94	.01	32.60	.01	3.05	.4	4.19
64	4.730	1465.66	2.13	0.	1031.	0.	2.20	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 60

TT = 6.6200 DTH = .0200 ITERR = 0
QU(1) = 41240.97 YU(1) = 1587.08 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.08	6.57	0.	6281.	0.	41.24	.00	41.14	.00	4.33	.5	4.88
24	1.640	1538.23	3.25	27.	10496.	27.	34.30	.01	33.93	.01	3.10	.4	4.23
64	4.730	1465.67	2.13	0.	1049.	0.	2.23	.00	1.14	.00	.03	.6	.67
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 60

TT = 6.6400 DTH = .0200 ITERR = 0
QU(1) = 41442.00 YU(1) = 1587.10 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.10	6.58	0.	6299.	0.	41.44	.00	41.35	.00	4.35	.5	4.90
24	1.640	1538.28	3.29	39.	10718.	39.	35.47	.02	35.09	.02	3.14	.4	4.28
64	4.730	1465.67	2.11	0.	1064.	0.	2.24	.00	1.16	.00	.03	.6	.67
93	5.460	1451.38	2.44	0.	902.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 60

TT = 6.6600 DTH = .0200 ITERR = 0
QU(1) = 41643.02 YU(1) = 1587.11 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.11	6.59	0.	6318.	0.	41.64	.00	41.56	.00	4.36	.5	4.91
24	1.640	1538.32	3.31	50.	10916.	50.	36.48	.03	36.10	.03	3.18	.4	4.32
64	4.730	1465.68	2.10	0.	1072.	0.	2.25	.00	1.17	.00	.03	.6	.68
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .34 IIFM= 61

TT = 6.6800 DTH = .0200 ITERR = 0
QU(1) = 41844.05 YU(1) = 1587.12 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.12	6.60	0.	6336.	0.	41.84	.00	41.77	.00	4.38	.5	4.92
24	1.640	1538.35	3.34	61.	11086.	61.	37.38	.04	37.01	.04	3.21	.4	4.35
64	4.730	1465.69	2.08	0.	1105.	0.	2.30	.00	1.23	.00	.04	.6	.69
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.7000 DTH = .0200 ITERR = 0
QU(1) = 42045.07 YU(1) = 1587.14 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.14	6.62	0.	6355.	0.	42.05	.00	41.99	.00	4.39	.5	4.94
24	1.640	1538.38	3.35	72.	11233.	72.	38.16	.05	37.81	.05	3.24	.4	4.38
64	4.730	1465.68	2.07	0.	1093.	0.	2.26	.00	1.19	.00	.04	.6	.68
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 62

TT = 6.7200 DTH = .0200 ITERR = 0
QU(1) = 42246.10 YU(1) = 1587.15 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.15	6.63	0.	6374.	0.	42.25	.00	42.20	.00	4.40	.5	4.95
24	1.640	1538.40	3.37	82.	11363.	82.	38.82	.06	38.49	.06	3.27	.4	4.40

64	4.730	1465.68	2.07	0.	1073.	0.	2.22	.00	1.15	.00	.03	.6	.68
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .32 IIFM= 62

TT = 6.7400 DTH = .0200 ITERR = 0
QU(1) = 42447.12 YU(1) = 1587.17 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.17	6.64	0.	6393.	0.	42.45	.00	42.42	.00	4.42	.5	4.97
24	1.640	1538.43	3.38	91.	11472.	91.	39.37	.06	39.07	.06	3.29	.4	4.43
64	4.730	1465.64	2.10	0.	973.	0.	2.04	.00	.98	.00	.00	.7	.64
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .36 IIFM= 62

TT = 6.7600 DTH = .0200 ITERR = 0
QU(1) = 42648.14 YU(1) = 1587.18 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.18	6.65	0.	6411.	0.	42.65	.00	42.63	.00	4.43	.5	4.98
24	1.640	1538.44	3.39	98.	11562.	98.	39.82	.07	39.54	.07	3.31	.4	4.44
64	4.730	1465.64	2.05	0.	973.	0.	2.00	.00	.96	.00	.00	.6	.64
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .35 IIFM= 62

TT = 6.7800 DTH = .0200 ITERR = 0
QU(1) = 42849.17 YU(1) = 1587.20 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.20	6.66	0.	6430.	0.	42.85	.00	42.85	.00	4.45	.5	5.00
24	1.640	1538.46	3.39	105.	11633.	105.	40.17	.08	39.91	.08	3.32	.4	4.46
64	4.730	1465.64	2.19	0.	973.	0.	2.13	.00	1.02	.00	.00	.7	.64
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.33
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .36 IIFM= 62

TT = 6.8000 DTH = .0200 ITERR = 0
QU(1) = 43050.20 YU(1) = 1587.21 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.21	6.68	0.	6448.	0.	43.05	.00	43.04	.00	4.46	.5	5.01
24	1.640	1538.47	3.40	110.	11690.	110.	40.44	.08	40.19	.08	3.33	.4	4.47
64	4.730	1465.66	2.17	0.	1023.	0.	2.22	.00	1.11	.00	.02	.7	.66
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .35 IIFM= 62

TT = 6.8200 DTH = .0200 ITERR = 0
QU(1) = 43251.22 YU(1) = 1587.22 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.22	6.69	0.	6466.	0.	43.25	.00	43.23	.00	4.47	.5	5.02
24	1.640	1538.48	3.40	114.	11734.	114.	40.64	.09	40.41	.09	3.34	.4	4.48
64	4.730	1465.70	2.12	0.	1164.	0.	2.47	.00	1.37	.00	.06	.6	.70
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 62

TT = 6.8400 DTH = .0200 ITERR = 0
QU(1) = 43452.25 YU(1) = 1587.24 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.24	6.70	0.	6483.	0.	43.45	.00	43.42	.00	4.49	.5	5.04
24	1.640	1538.48	3.40	117.	11767.	117.	40.80	.09	40.57	.09	3.35	.4	4.48
64	4.730	1465.78	1.98	0.	1442.	0.	2.86	.00	1.90	.00	.14	.6	.78
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.8600 DTH = .0200 ITERR = 1
QU(1) = 43653.27 YU(1) = 1587.25 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.25	6.72	0.	6501.	0.	43.65	.00	43.61	.00	4.50	.5	5.05
24	1.640	1538.49	3.40	119.	11792.	119.	40.91	.09	40.70	.09	3.35	.4	4.49
64	4.730	1465.87	1.86	0.	1759.	0.	3.26	.00	2.56	.00	.22	.5	.87
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.8800 DTH = .0200 ITERR = 0
QU(1) = 43854.29 YU(1) = 1587.26 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.26	6.73	0.	6518.	0.	43.85	.00	43.80	.00	4.52	.5	5.06
24	1.640	1538.49	3.40	121.	11813.	121.	41.01	.09	40.80	.09	3.36	.4	4.49
64	4.730	1465.95	1.68	0.	2120.	0.	3.56	.00	3.27	.00	.31	.4	.95
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.9000 DTH = .0200 ITERR = 1
QU(1) = 44055.32 YU(1) = 1587.28 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.28	6.74	0.	6536.	0.	44.06	.00	43.99	.00	4.53	.5	5.08
24	1.640	1538.50	3.40	123.	11831.	123.	41.11	.10	40.90	.10	3.36	.4	4.50
64	4.730	1466.02	1.65	0.	2451.	0.	4.05	.00	3.90	.00	.38	.4	1.02
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.9200 DTH = .0200 ITERR = 0
QU(1) = 44256.34 YU(1) = 1587.29 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.29	6.75	0.	6552.	0.	44.26	.00	44.18	.00	4.54	.5	5.09
24	1.640	1538.50	3.41	125.	11849.	125.	41.20	.10	41.01	.10	3.36	.4	4.50
64	4.730	1466.09	1.73	0.	2773.	0.	4.78	.00	4.27	.00	.45	.4	1.09
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.9400 DTH = .0200 ITERR = 1
QU(1) = 44457.37 YU(1) = 1587.30 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.30	6.77	0.	6569.	0.	44.46	.00	44.37	.00	4.55	.5	5.10
24	1.640	1538.50	3.41	127.	11869.	127.	41.32	.10	41.11	.10	3.37	.4	4.50
64	4.730	1466.11	1.84	0.	2893.	0.	5.32	.00	4.67	.00	.47	.4	1.11
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.9600 DTH = .0200 ITERR = 1
QU(1) = 44658.39 YU(1) = 1587.32 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.32	6.78	0.	6585.	0.	44.66	.00	44.56	.00	4.57	.5	5.12
24	1.640	1538.51	3.41	129.	11889.	129.	41.45	.10	41.23	.10	3.37	.4	4.51
64	4.730	1466.12	1.92	0.	2933.	0.	5.63	.00	4.91	.00	.48	.4	1.12
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.29	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 72

TT = 6.9800 DTH = .0200 ITERR = 1
QU(1) = 44859.42 YU(1) = 1587.33 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.33	6.80	0.	6601.	0.	44.86	.00	44.75	.00	4.58	.5	5.13
24	1.640	1538.51	3.42	131.	11911.	131.	41.60	.10	41.35	.10	3.38	.4	4.51
64	4.730	1466.15	1.95	0.	3044.	0.	5.95	.00	5.14	.00	.50	.4	1.15
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.30	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 55

TT = 7.0000 DTH = .0200 ITERR = 1
QU(1) = 45060.44 YU(1) = 1587.34 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.34	6.81	0.	6617.	0.	45.06	.00	44.95	.00	4.59	.5	5.14
24	1.640	1538.52	3.42	134.	11936.	134.	41.75	.11	41.49	.11	3.38	.4	4.52
64	4.730	1466.17	2.01	0.	3139.	0.	6.32	.00	5.42	.00	.52	.4	1.17
93	5.460	1451.38	2.44	0.	903.	0.	2.20	.00	1.71	.00	.30	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 56

TT = 7.0200 DTH = .0200 ITERR = 1
QU(1) = 45261.47 YU(1) = 1587.35 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.35	6.82	0.	6634.	0.	45.26	.00	45.14	.00	4.60	.5	5.15
24	1.640	1538.52	3.43	136.	11963.	136.	41.93	.11	41.64	.11	3.39	.4	4.52

64	4.730	1466.19	2.06	0.	3242.	0.	6.68	.00	5.69	.00	.55	.4	1.19
93	5.460	1451.38	2.44	0.	904.	0.	2.20	.00	1.72	.00	.30	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 56

TT = 7.0400 DTH = .0200 ITERR = 0
QU(1) = 45462.49 YU(1) = 1587.37 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.37	6.84	0.	6650.	0.	45.46	.00	45.33	.00	4.62	.5	5.17
24	1.640	1538.53	3.43	139.	11992.	139.	42.11	.11	41.81	.11	3.39	.4	4.53
64	4.730	1466.21	2.11	0.	3346.	0.	7.07	.00	6.00	.00	.57	.4	1.21
93	5.460	1451.38	2.44	0.	904.	0.	2.21	.00	1.72	.00	.30	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 56

TT = 7.0600 DTH = .0200 ITERR = 1
QU(1) = 45663.52 YU(1) = 1587.38 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.38	6.85	0.	6666.	0.	45.66	.00	45.53	.00	4.63	.5	5.18
24	1.640	1538.53	3.44	143.	12024.	143.	42.32	.12	41.98	.12	3.40	.4	4.53
64	4.730	1466.23	2.16	0.	3459.	0.	7.46	.00	6.31	.00	.59	.5	1.23
93	5.460	1451.38	2.44	0.	905.	0.	2.21	.00	1.72	.00	.30	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 57

TT = 7.0800 DTH = .0200 ITERR = 1
QU(1) = 45864.54 YU(1) = 1587.39 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.39	6.86	0.	6683.	0.	45.86	.00	45.72	.00	4.64	.5	5.19
24	1.640	1538.54	3.44	146.	12057.	146.	42.53	.12	42.17	.12	3.41	.4	4.54
64	4.730	1466.25	2.20	0.	3574.	0.	7.88	.00	6.65	.00	.61	.5	1.25
93	5.460	1451.38	2.44	0.	906.	0.	2.21	.00	1.72	.00	.30	.5	1.38
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 57

TT = 7.1000 DTH = .0200 ITERR = 1
QU(1) = 46065.57 YU(1) = 1587.40 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.40	6.88	0.	6699.	0.	46.07	.00	45.91	.00	4.65	.5	5.20
24	1.640	1538.55	3.45	150.	12093.	150.	42.75	.12	42.37	.12	3.41	.4	4.55
64	4.730	1466.28	2.25	0.	3696.	0.	8.31	.00	7.01	.00	.64	.5	1.28
93	5.460	1451.38	2.44	0.	908.	0.	2.22	.00	1.73	.00	.30	.5	1.33
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 57

TT = 7.1200 DTH = .0200 ITERR = 0
QU(1) = 46266.59 YU(1) = 1587.42 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.42	6.89	0.	6715.	0.	46.27	.00	46.11	.00	4.67	.5	5.22
24	1.640	1538.55	3.46	154.	12128.	154.	42.97	.13	42.56	.13	3.42	.4	4.55
64	4.730	1466.31	2.29	0.	3821.	0.	8.75	.00	7.39	.00	.66	.5	1.31
93	5.460	1451.39	2.45	0.	916.	0.	2.25	.00	1.75	.00	.30	.5	1.39
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 58

TT = 7.1400 DTH = .0200 ITERR = 0
QU(1) = 46467.62 YU(1) = 1587.43 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.43	6.90	0.	6731.	0.	46.47	.00	46.30	.00	4.68	.5	5.23
24	1.640	1538.56	3.46	158.	12164.	158.	43.19	.13	42.76	.13	3.43	.4	4.56
64	4.730	1466.33	2.33	0.	3952.	0.	9.21	.00	7.79	.00	.69	.5	1.33
93	5.460	1451.40	2.47	0.	934.	0.	2.31	.00	1.81	.00	.32	.5	1.40
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 58

TT = 7.1600 DTH = .0200 ITERR = 0
QU(1) = 46668.64 YU(1) = 1587.44 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.44	6.92	0.	6748.	0.	46.67	.00	46.50	.00	4.69	.5	5.24
24	1.640	1538.57	3.47	161.	12198.	161.	43.42	.14	42.96	.14	3.43	.4	4.57
64	4.730	1466.36	2.37	0.	4090.	0.	9.70	.00	8.22	.00	.72	.5	1.36
93	5.460	1451.43	2.51	0.	970.	0.	2.43	.00	1.91	.00	.35	.5	1.43
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 58

TT = 7.1800 DTH = .0200 ITERR = 1
QU(1) = 46869.66 YU(1) = 1587.45 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.45	6.93	0.	6764.	0.	46.87	.00	46.69	.00	4.70	.5	5.25
24	1.640	1538.57	3.47	165.	12232.	165.	43.65	.14	43.16	.14	3.44	.4	4.57
64	4.730	1466.39	2.41	0.	4232.	0.	10.19	.00	8.68	.00	.75	.5	1.39
93	5.460	1451.47	2.55	0.	1028.	0.	2.62	.00	2.09	.00	.39	.5	1.47
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 59

TT = 7.2000 DTH = .0200 ITERR = 0
QU(1) = 47070.69 YU(1) = 1587.47 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.47	6.94	0.	6780.	0.	47.07	.00	46.89	.00	4.72	.5	5.27
24	1.640	1538.58	3.48	169.	12265.	169.	43.88	.15	43.37	.15	3.45	.4	4.53
64	4.730	1466.42	2.44	0.	4381.	0.	10.71	.00	9.16	.00	.78	.5	1.42
93	5.460	1451.53	2.59	0.	1109.	0.	2.87	.00	2.33	.00	.44	.5	1.53
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 59

TT = 7.2200 DTH = .0200 ITERR = 1
QU(1) = 47271.71 YU(1) = 1587.48 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.48	6.96	0.	6796.	0.	47.27	.00	47.08	.00	4.73	.5	5.28
24	1.640	1538.59	3.49	173.	12299.	173.	44.10	.15	43.57	.15	3.45	.4	4.59
64	4.730	1466.45	2.48	0.	4536.	0.	11.24	.00	9.67	.00	.81	.5	1.46
93	5.460	1451.60	2.62	0.	1209.	0.	3.16	.00	2.63	.00	.51	.5	1.60
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 60

TT = 7.2400 DTH = .0200 ITERR = 0
QU(1) = 47472.74 YU(1) = 1587.49 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.49	6.97	0.	6813.	0.	47.47	.00	47.28	.00	4.74	.5	5.29
24	1.640	1538.59	3.49	177.	12331.	177.	44.31	.15	43.76	.15	3.46	.4	4.59
64	4.730	1466.48	2.51	0.	4699.	0.	11.80	.00	10.22	.00	.84	.5	1.48
93	5.460	1451.67	2.63	0.	1322.	0.	3.47	.00	2.97	.00	.58	.5	1.67
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 62

TT = 7.2600 DTH = .0200 ITERR = 0
QU(1) = 47673.77 YU(1) = 1587.50 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.50	6.98	0.	6829.	0.	47.67	.00	47.47	.00	4.75	.5	5.30
24	1.640	1538.60	3.50	180.	12361.	180.	44.52	.16	43.95	.16	3.46	.4	4.60
64	4.730	1466.51	2.54	0.	4870.	0.	12.39	.00	10.81	.00	.87	.5	1.51
93	5.460	1451.74	2.62	0.	1445.	0.	3.79	.00	3.35	.00	.66	.5	1.74
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 62

TT = 7.2800 DTH = .0200 ITERR = 0
QU(1) = 47874.79 YU(1) = 1587.52 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.52	6.99	0.	6845.	0.	47.87	.00	47.67	.00	4.77	.5	5.32
24	1.640	1538.61	3.50	184.	12391.	184.	44.72	.16	44.13	.16	3.47	.4	4.61
64	4.730	1466.55	2.57	0.	5051.	0.	13.00	.00	11.44	.00	.91	.5	1.55
93	5.460	1451.82	2.61	0.	1572.	0.	4.10	.00	3.76	.00	.74	.5	1.32
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 62

TT = 7.3000 DTH = .0200 ITERR = 0
QU(1) = 48075.81 YU(1) = 1587.53 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.53	7.01	0.	6861.	0.	48.08	.00	47.87	.00	4.78	.5	5.33
24	1.640	1538.61	3.51	187.	12420.	187.	44.92	.17	44.31	.17	3.48	.4	4.61
64	4.730	1466.59	2.61	0.	5245.	0.	13.67	.00	12.14	.00	.95	.5	1.59
93	5.460	1451.89	2.59	0.	1703.	0.	4.41	.00	4.18	.00	.81	.5	1.39
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 62

TT = 7.3200 DTH = .0200 ITERR = 0
QU(1) = 48276.84 YU(1) = 1587.54 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.54	7.02	0.	6878.	0.	48.28	.00	48.06	.00	4.79	.5	5.34
24	1.640	1538.62	3.52	191.	12450.	191.	45.12	.17	44.49	.17	3.48	.4	4.62

64	4.730	1466.63	2.63	0.	5449.	0.	14.35	.00	12.88	.00	.98	.5	1.63
93	5.460	1451.98	2.58	0.	1861.	0.	4.80	.00	4.75	.00	.90	.5	1.98
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .36 IIFM= 62

TT = 7.3400 DTH = .0200 ITERR = 0
QU(1) = 48477.86 YU(1) = 1587.55 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.55	7.03	0.	6894.	0.	48.48	.00	48.26	.00	4.80	.5	5.35
24	1.640	1538.62	3.52	194.	12480.	194.	45.31	.18	44.67	.18	3.49	.4	4.62
64	4.730	1466.67	2.67	0.	5692.	0.	15.21	.00	13.82	.00	1.03	.5	1.67
93	5.460	1452.07	2.67	0.	2032.	0.	5.42	.00	5.23	.00	.98	.5	2.07
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 62

TT = 7.3600 DTH = .0200 ITERR = 0
QU(1) = 48678.89 YU(1) = 1587.57 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.57	7.04	0.	6910.	0.	48.68	.00	48.46	.00	4.82	.5	5.37
24	1.640	1538.63	3.53	198.	12511.	198.	45.51	.18	44.85	.18	3.49	.4	4.63
64	4.730	1466.73	2.71	0.	5977.	0.	16.20	.00	14.95	.00	1.09	.4	1.73
93	5.460	1452.15	2.76	0.	2197.	0.	6.06	.00	5.69	.00	1.07	.5	2.15
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .37 IIFM= 62

TT = 7.3800 DTH = .0200 ITERR = 1
QU(1) = 48879.91 YU(1) = 1587.58 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.58	7.06	0.	6926.	0.	48.88	.00	48.66	.00	4.83	.5	5.38
24	1.640	1538.64	3.53	202.	12540.	202.	45.71	.19	45.03	.19	3.50	.4	4.64
64	4.730	1466.78	2.74	0.	6267.	0.	17.14	.00	16.07	.00	1.14	.4	1.78
93	5.460	1452.21	2.87	0.	2325.	0.	6.67	.00	6.18	.00	1.13	.5	2.21
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 62

TT = 7.4000 DTH = .0200 ITERR = 1
QU(1) = 49080.94 YU(1) = 1587.59 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.59	7.07	0.	6943.	0.	49.08	.00	48.86	.00	4.84	.5	5.39
24	1.640	1538.64	3.54	206.	12570.	206.	45.91	.19	45.21	.19	3.51	.4	4.64
64	4.730	1466.83	2.75	0.	6546.	0.	18.01	.00	17.15	.00	1.19	.4	1.83
93	5.460	1452.27	2.95	0.	2449.	0.	7.22	.00	6.64	.00	1.19	.5	2.27
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.4200 DTH = .0200 ITERR = 1
QU(1) = 49134.04 YU(1) = 1587.60 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.60	7.07	0.	6949.	0.	49.13	.00	48.91	.00	4.85	.5	5.40
24	1.640	1538.65	3.54	209.	12600.	209.	46.10	.19	45.39	.19	3.51	.4	4.65
64	4.730	1466.89	2.78	0.	6849.	0.	19.01	.00	18.40	.00	1.25	.4	1.89
93	5.460	1452.33	3.01	0.	2584.	0.	7.77	.00	7.12	.00	1.25	.5	2.33
125	7.450	1406.69	1.94	0.	1131.	0.	2.19	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.4400 DTH = .0200 ITERR = 1
QU(1) = 49187.08 YU(1) = 1587.60 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.60	7.07	0.	6954.	0.	49.19	.00	48.96	.00	4.85	.5	5.40
24	1.640	1538.65	3.55	213.	12631.	213.	46.30	.20	45.57	.20	3.52	.4	4.65
64	4.730	1466.95	2.80	0.	7179.	0.	20.09	.00	19.80	.00	1.31	.4	1.95
93	5.460	1452.39	3.07	0.	2719.	0.	8.35	.00	7.65	.00	1.31	.5	2.39
125	7.450	1406.69	1.94	0.	1131.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.4600 DTH = .0200 ITERR = 1
QU(1) = 49240.13 YU(1) = 1587.60 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	********	*******	******	********
1	.010	1587.60	7.08	0.	6959.	0.	49.24	.00	49.01	.00	4.85	.5	5.40
24	1.640	1538.66	3.55	217.	12661.	217.	46.50	.20	45.75	.20	3.52	.4	4.66
64	4.730	1467.01	2.82	0.	7484.	0.	21.14	.00	21.08	.00	1.36	.4	2.01
93	5.460	1452.46	3.12	0.	2864.	0.	8.93	.00	8.20	.00	1.37	.5	2.46
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.4800 DTH = .0200 ITERR = 1
QU(1) = 49293.18 YU(1) = 1587.61 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.61	7.08	0.	6963.	0.	49.29	.00	49.07	.00	4.86	.5	5.41
24	1.640	1538.66	3.56	221.	12690.	221.	46.70	.21	45.93	.21	3.53	.4	4.66
64	4.730	1467.05	2.90	3.	7713.	3.	22.41	.00	21.94	.00	1.41	.4	2.05
93	5.460	1452.52	3.17	0.	3015.	0.	9.55	.00	8.80	.00	1.44	.5	2.52
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.5000 DTH = .0200 ITERR = 1
QU(1) = 49346.23 YU(1) = 1587.61 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.61	7.08	0.	6967.	0.	49.35	.00	49.12	.00	4.86	.5	5.41
24	1.640	1538.67	3.56	225.	12720.	225.	46.90	.21	46.12	.21	3.54	.4	4.67
64	4.730	1467.08	2.97	9.	7876.	9.	23.42	.00	22.69	.00	1.44	.5	2.08
93	5.460	1452.59	3.20	0.	3179.	0.	10.18	.00	9.46	.00	1.51	.5	2.59
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.5200 DTH = .0200 ITERR = 1
QU(1) = 49399.28 YU(1) = 1587.61 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.61	7.09	0.	6972.	0.	49.40	.00	49.17	.00	4.86	.5	5.41
24	1.640	1538.68	3.57	229.	12750.	229.	47.10	.22	46.30	.22	3.54	.4	4.68
64	4.730	1467.10	3.02	15.	8017.	15.	24.28	.00	23.33	.00	1.46	.5	2.10
93	5.460	1452.66	3.24	0.	3354.	0.	10.86	.00	10.18	.00	1.58	.5	2.66
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.5400 DTH = .0200 ITERR = 1
QU(1) = 49452.33 YU(1) = 1587.62 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.62	7.09	0.	6976.	0.	49.45	.00	49.22	.00	4.87	.5	5.42
24	1.640	1538.68	3.57	233.	12779.	233.	47.29	.22	46.48	.22	3.55	.4	4.68
64	4.730	1467.13	3.07	23.	8155.	23.	25.15	.01	23.98	.01	1.49	.5	2.13
93	5.460	1452.74	3.27	0.	3546.	0.	11.59	.00	11.00	.00	1.65	.5	2.74
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.5600 DTH = .0200 ITERR = 1
QU(1) = 49505.38 YU(1) = 1587.62 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.62	7.09	0.	6980.	0.	49.51	.00	49.28	.00	4.87	.5	5.42
24	1.640	1538.69	3.58	237.	12809.	237.	47.49	.23	46.66	.23	3.55	.4	4.69
64	4.730	1467.15	3.11	33.	8291.	33.	26.00	.01	24.63	.01	1.51	.5	2.15
93	5.460	1452.82	3.29	0.	3758.	0.	12.37	.00	11.91	.00	1.73	.5	2.82
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.5800 DTH = .0200 ITERR = 1
QU(1) = 49558.43 YU(1) = 1587.62 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.62	7.10	0.	6984.	0.	49.56	.00	49.33	.00	4.87	.5	5.42
24	1.640	1538.69	3.58	241.	12839.	241.	47.69	.23	46.85	.23	3.56	.4	4.69
64	4.730	1467.18	3.15	45.	8428.	45.	26.86	.02	25.29	.02	1.54	.5	2.18
93	5.460	1452.90	3.31	0.	3986.	0.	13.20	.00	12.93	.00	1.82	.5	2.90
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.6000 DTH = .0200 ITERR = 1
QU(1) = 49611.48 YU(1) = 1587.63 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.63	7.10	0.	6989.	0.	49.61	.00	49.38	.00	4.88	.5	5.43
24	1.640	1538.70	3.58	245.	12869.	245.	47.88	.24	47.03	.24	3.56	.4	4.70
64	4.730	1467.20	3.19	58.	8564.	58.	27.71	.03	25.96	.03	1.56	.5	2.20
93	5.460	1452.99	3.32	0.	4229.	0.	14.04	.00	14.01	.00	1.91	.5	2.99
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.6200 DTH = .0200 ITERR = 1
QU(1) = 49664.53 YU(1) = 1587.63 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.63	7.10	0.	6993.	0.	49.66	.00	49.43	.00	4.88	.5	5.43
24	1.640	1538.71	3.59	249.	12898.	249.	48.09	.25	47.21	.25	3.57	.4	4.71

64	4.730	1467.23	3.23	73.	8699.	73.	28.56	.04	26.63	.04	1.59	.5	2.23
93	5.460	1453.07	3.33	5.	4465.	5.	14.89	.00	14.58	.00	1.99	.5	3.07
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.6400 DTH = .0200 ITERR = 1
QU(1) = 49717.58 YU(1) = 1587.63 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.63	7.11	0.	6997.	0.	49.72	.00	49.49	.00	4.88	.5	5.43
24	1.640	1538.71	3.59	253.	12928.	253.	48.28	.25	47.40	.25	3.58	.4	4.71
64	4.730	1467.25	3.26	90.	8834.	90.	29.40	.05	27.30	.05	1.61	.5	2.25
93	5.460	1453.15	3.33	21.	4688.	21.	15.74	.01	15.21	.01	2.06	.5	3.15
125	7.450	1406.69	1.94	0.	1132.	0.	2.20	.00	1.34	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.6600 DTH = .0200 ITERR = 1
QU(1) = 49770.63 YU(1) = 1587.64 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.64	7.11	0.	7002.	0.	49.77	.00	49.54	.00	4.89	.5	5.44
24	1.640	1538.72	3.60	257.	12956.	257.	48.46	.26	47.56	.26	3.58	.4	4.72
64	4.730	1467.28	3.29	109.	8968.	109.	30.24	.07	27.98	.07	1.63	.5	2.28
93	5.460	1453.21	3.31	46.	4911.	46.	16.54	.03	15.88	.03	2.13	.5	3.21
125	7.450	1406.69	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.6800 DTH = .0200 ITERR = 1
QU(1) = 49823.68 YU(1) = 1587.64 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.64	7.11	0.	7006.	0.	49.82	.00	49.59	.00	4.89	.5	5.44
24	1.640	1538.72	3.60	260.	12981.	260.	48.62	.26	47.71	.26	3.59	.4	4.72
64	4.730	1467.30	3.32	128.	9101.	128.	31.06	.08	28.66	.08	1.66	.5	2.30
93	5.460	1453.28	3.27	78.	5135.	78.	17.31	.05	16.58	.05	2.19	.5	3.28
125	7.450	1406.69	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.7000 DTH = .0200 ITERR = 1
QU(1) = 49876.73 YU(1) = 1587.64 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.64	7.11	0.	7010.	0.	49.88	.00	49.64	.00	4.89	.5	5.44
24	1.640	1538.73	3.60	264.	13004.	264.	48.77	.26	47.84	.26	3.59	.4	4.73
64	4.730	1467.32	3.34	150.	9233.	150.	31.88	.10	29.33	.10	1.68	.5	2.32
93	5.460	1453.34	3.23	116.	5361.	116.	18.06	.09	17.31	.09	2.26	.5	3.34
125	7.450	1406.69	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1323.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.7200 DTH = .0200 ITERR = 1
QU(1) = 49929.78 YU(1) = 1587.65 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.65	7.12	0.	7014.	0.	49.93	.00	49.70	.00	4.90	.5	5.45
24	1.640	1538.73	3.61	267.	13024.	267.	48.89	.27	47.96	.27	3.59	.4	4.73
64	4.730	1467.35	3.37	172.	9362.	172.	32.68	.12	30.00	.12	1.71	.5	2.35
93	5.460	1453.40	3.18	160.	5588.	160.	18.77	.14	18.07	.14	2.32	.5	3.40
125	7.450	1406.69	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.7400 DTH = .0200 ITERR = 1
QU(1) = 49982.83 YU(1) = 1587.65 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.65	7.12	0.	7019.	0.	49.98	.00	49.75	.00	4.90	.5	5.45
24	1.640	1538.73	3.61	269.	13042.	269.	49.00	.27	48.07	.27	3.60	.4	4.73
64	4.730	1467.37	3.39	196.	9488.	196.	33.46	.14	30.65	.14	1.73	.5	2.37
93	5.460	1453.46	3.12	214.	5834.	214.	19.56	.21	18.97	.21	2.38	.5	3.46
125	7.450	1406.70	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.7600 DTH = .0200 ITERR = 1
QU(1) = 50035.88 YU(1) = 1587.65 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.65	7.12	0.	7023.	0.	50.04	.00	49.80	.00	4.90	.5	5.45
24	1.640	1538.74	3.61	271.	13057.	271.	49.10	.27	48.15	.27	3.60	.4	4.74
64	4.730	1467.39	3.40	220.	9611.	220.	34.21	.17	31.28	.17	1.75	.5	2.39
93	5.460	1453.53	3.09	277.	6097.	277.	20.56	.29	19.82	.29	2.44	.5	3.53
125	7.450	1406.70	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.7800 DTH = .0200 ITERR = 1
QU(1) = 50088.93 YU(1) = 1587.66 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.66	7.13	0.	7027.	0.	50.09	.00	49.85	.00	4.91	.5	5.46
24	1.640	1538.74	3.61	273.	13071.	273.	49.19	.28	48.23	.28	3.60	.4	4.74
64	4.730	1467.41	3.42	245.	9729.	245.	34.94	.19	31.91	.19	1.77	.5	2.41
93	5.460	1453.58	3.08	340.	6343.	340.	21.62	.38	20.42	.38	2.50	.5	3.58
125	7.450	1406.70	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.8000 DTH = .0200 ITERR = 1
QU(1) = 50141.98 YU(1) = 1587.66 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.66	7.13	0.	7032.	0.	50.14	.00	49.91	.00	4.91	.5	5.46
24	1.640	1538.74	3.61	275.	13083.	275.	49.26	.28	48.31	.28	3.61	.4	4.74
64	4.730	1467.44	3.43	270.	9843.	270.	35.62	.22	32.50	.22	1.79	.5	2.44
93	5.460	1453.63	3.07	398.	6553.	398.	22.59	.46	21.05	.46	2.55	.5	3.53
125	7.450	1406.70	1.94	0.	1133.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.8200 DTH = .0200 ITERR = 1
QU(1) = 50570.58 YU(1) = 1587.68 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.68	7.16	0.	7060.	0.	50.57	.00	50.33	.00	4.93	.5	5.48
24	1.640	1538.74	3.61	277.	13094.	277.	49.33	.28	48.37	.28	3.61	.4	4.74
64	4.730	1467.45	3.44	295.	9952.	295.	36.28	.25	33.07	.25	1.81	.5	2.45
93	5.460	1453.67	3.08	449.	6732.	449.	23.52	.54	21.70	.54	2.59	.5	3.67
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.8400 DTH = .0200 ITERR = 1
QU(1) = 50999.30 YU(1) = 1587.71 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.71	7.19	0.	7093.	0.	51.00	.00	50.76	.00	4.96	.5	5.51
24	1.640	1538.75	3.62	278.	13104.	278.	49.40	.28	48.43	.28	3.61	.4	4.75
64	4.730	1467.47	3.45	320.	10055.	320.	36.90	.27	33.60	.27	1.83	.5	2.47
93	5.460	1453.71	3.08	501.	6909.	501.	24.37	.63	22.31	.63	2.62	.5	3.71
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.8600 DTH = .0200 ITERR = 1
QU(1) = 51428.03 YU(1) = 1587.73 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.73	7.22	0.	7127.	0.	51.43	.00	51.19	.00	4.98	.5	5.53
24	1.640	1538.75	3.62	280.	13114.	280.	49.45	.29	48.49	.29	3.61	.4	4.75
64	4.730	1467.49	3.46	344.	10152.	344.	37.48	.30	34.12	.30	1.85	.5	2.49
93	5.460	1453.75	3.07	556.	7088.	556.	25.19	.72	22.92	.72	2.66	.5	3.75
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.8800 DTH = .0200 ITERR = 1
QU(1) = 51856.75 YU(1) = 1587.76 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.76	7.24	0.	7161.	0.	51.86	.00	51.62	.00	5.01	.5	5.56
24	1.640	1538.75	3.62	281.	13123.	281.	49.51	.29	48.54	.29	3.61	.4	4.75
64	4.730	1467.51	3.46	368.	10244.	368.	38.02	.33	34.60	.33	1.87	.5	2.51
93	5.460	1453.78	3.07	609.	7257.	609.	26.01	.81	23.57	.81	2.70	.5	3.78
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.9000 DTH = .0200 ITERR = 1
QU(1) = 52285.48 YU(1) = 1587.79 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.79	7.27	0.	7196.	0.	52.29	.00	52.06	.00	5.04	.5	5.59
24	1.640	1538.75	3.62	282.	13132.	282.	49.57	.29	48.60	.29	3.62	.4	4.75
64	4.730	1467.52	3.47	390.	10329.	390.	38.52	.36	35.04	.36	1.88	.5	2.52
93	5.460	1453.81	3.06	663.	7425.	663.	26.81	.91	24.20	.91	2.73	.5	3.31
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.9200 DTH = .0200 ITERR = 1
QU(1) = 52714.20 YU(1) = 1587.81 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.81	7.29	0.	7230.	0.	52.71	.00	52.49	.00	5.06	.5	5.61
24	1.640	1538.75	3.62	283.	13140.	283.	49.63	.29	48.65	.29	3.62	.4	4.75

64	4.730	1467.54	3.47	412.	10409.	412.	38.99	.38	35.46	.38	1.90	.5	2.54
93	5.460	1453.85	3.05	720.	7598.	720.	27.58	1.02	24.83	1.02	2.76	.5	3.85
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.9400 DTH = .0200 ITERR = 1
QU(1) = 53142.93 YU(1) = 1587.84 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.84	7.32	0.	7264.	0.	53.14	.00	52.92	.00	5.09	.5	5.64
24	1.640	1538.75	3.62	285.	13148.	285.	49.68	.29	48.70	.29	3.62	.4	4.75
64	4.730	1467.55	3.47	433.	10483.	433.	39.42	.41	35.85	.41	1.91	.5	2.55
93	5.460	1453.88	3.04	777.	7766.	777.	28.36	1.13	25.49	1.13	2.30	.5	3.88
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.9600 DTH = .0200 ITERR = 1
QU(1) = 53571.65 YU(1) = 1587.86 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.86	7.34	0.	7299.	0.	53.57	.00	53.36	.00	5.12	.5	5.66
24	1.640	1538.76	3.62	286.	13157.	286.	49.73	.29	48.75	.29	3.62	.4	4.76
64	4.730	1467.56	3.47	453.	10552.	453.	39.82	.43	36.21	.43	1.92	.5	2.56
93	5.460	1453.91	3.03	835.	7935.	835.	29.12	1.24	26.15	1.24	2.83	.5	3.91
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 7.9800 DTH = .0200 ITERR = 1
QU(1) = 54000.38 YU(1) = 1587.89 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.89	7.36	0.	7334.	0.	54.00	.00	53.80	.00	5.14	.5	5.69
24	1.640	1538.76	3.62	287.	13165.	287.	49.80	.30	48.81	.30	3.62	.4	4.76
64	4.730	1467.58	3.48	472.	10616.	472.	40.19	.46	36.55	.46	1.93	.5	2.58
93	5.460	1453.95	3.02	895.	8107.	895.	29.87	1.36	26.81	1.36	2.86	.5	3.95
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.0000 DTH = .0200 ITERR = 1
QU(1) = 54429.10 YU(1) = 1587.92 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.92	7.39	0.	7368.	0.	54.43	.00	54.24	.00	5.17	.5	5.72
24	1.640	1538.76	3.63	289.	13175.	289.	49.86	.30	48.87	.30	3.62	.4	4.76
64	4.730	1467.59	3.48	490.	10676.	490.	40.53	.48	36.86	.48	1.95	.5	2.59
93	5.460	1453.98	3.01	962.	8294.	962.	30.74	1.50	27.60	1.50	2.90	.5	3.98
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.0200 DTH = .0200 ITERR = 1
QU(1) = 54857.84 YU(1) = 1587.94 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.94	7.41	0.	7402.	0.	54.86	.00	54.68	.00	5.20	.5	5.74
24	1.640	1538.76	3.63	290.	13186.	290.	49.94	.30	48.94	.30	3.63	.4	4.76
64	4.730	1467.60	3.48	507.	10732.	507.	40.85	.50	37.15	.50	1.96	.5	2.60
93	5.460	1454.01	3.01	1028.	8476.	1028.	31.70	1.64	28.33	1.64	2.93	.5	4.01
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.0400 DTH = .0200 ITERR = 1
QU(1) = 55286.57 YU(1) = 1587.97 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.97	7.43	0.	7437.	0.	55.29	.00	55.12	.00	5.22	.5	5.77
24	1.640	1538.76	3.63	292.	13200.	292.	50.04	.30	49.04	.30	3.63	.4	4.76
64	4.730	1467.61	3.48	524.	10784.	524.	41.15	.52	37.43	.52	1.96	.5	2.61
93	5.460	1454.04	3.03	1084.	8629.	1084.	32.68	1.77	28.90	1.77	2.96	.5	4.04
125	7.450	1406.70	1.94	0.	1134.	0.	2.20	.00	1.34	.00	.07	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.0600 DTH = .0200 ITERR = 1
QU(1) = 55715.30 YU(1) = 1588.00 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.00	7.46	0.	7471.	0.	55.72	.00	55.56	.00	5.25	.5	5.80
24	1.640	1538.77	3.63	295.	13218.	295.	50.17	.31	49.16	.31	3.63	.4	4.77
64	4.730	1467.62	3.48	539.	10834.	539.	41.44	.54	37.69	.54	1.97	.5	2.62
93	5.460	1454.06	3.05	1131.	8755.	1131.	33.55	1.87	29.45	1.87	2.98	.5	4.06
125	7.450	1406.70	1.94	0.	1137.	0.	2.20	.00	1.34	.00	.08	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.0800 DTH = .0200 ITERR = 1
QU(1) = 56144.04 YU(1) = 1588.02 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	*********	*********	********	*********	********	*******	******	********
1	.010	1588.02	7.48	0.	7505.	0.	56.14	.00	56.01	.00	5.27	.5	5.82
24	1.640	1538.77	3.64	298.	13240.	298.	50.33	.31	49.32	.31	3.64	.4	4.77
64	4.730	1467.62	3.48	554.	10881.	554.	41.71	.56	37.95	.56	1.98	.5	2.62
93	5.460	1454.08	3.07	1168.	8855.	1168.	34.35	1.97	29.98	1.97	3.00	.5	4.08
125	7.450	1406.70	1.94	0.	1137.	0.	2.20	.00	1.34	.00	.08	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.1000 DTH = .0200 ITERR = 1
QU(1) = 56572.77 YU(1) = 1588.05 QU(N) = 2187.65 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	*********	*********	********	*********	********	*******	******	********
1	.010	1588.05	7.50	0.	7539.	0.	56.57	.00	56.45	.00	5.30	.5	5.85
24	1.640	1538.78	3.64	303.	13269.	303.	50.54	.32	49.51	.32	3.64	.4	4.78
64	4.730	1467.63	3.48	569.	10926.	569.	41.97	.58	38.18	.58	1.99	.5	2.63
93	5.460	1454.10	3.10	1201.	8941.	1201.	35.15	2.05	30.54	2.05	3.01	.5	4.10
125	7.450	1406.69	1.93	0.	1129.	0.	2.18	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .83 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.1200 DTH = .0200 ITERR = 1
QU(1) = 57001.51 YU(1) = 1588.08 QU(N) = 2187.66 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	*********	*********	********	*********	********	*******	******	********
1	.010	1588.08	7.53	0.	7574.	0.	57.00	.00	56.90	.00	5.33	.5	5.88
24	1.640	1538.79	3.65	308.	13304.	308.	50.79	.33	49.75	.33	3.65	.4	4.79
64	4.730	1467.64	3.48	583.	10968.	583.	42.21	.60	38.42	.60	2.00	.5	2.64
93	5.460	1454.11	3.12	1234.	9027.	1234.	35.84	2.14	31.00	2.14	3.03	.5	4.11
125	7.450	1406.69	1.94	0.	1126.	0.	2.19	.00	1.33	.00	.07	.5	1.69
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .82 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.1400 DTH = .0200 ITERR = 1
QU(1) = 57430.25 YU(1) = 1588.10 QU(N) = 2187.59 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	*********	*********	********	*********	********	*******	******	********
1	.010	1588.10	7.55	0.	7608.	0.	57.43	.00	57.35	.00	5.35	.5	5.90
24	1.640	1538.79	3.66	314.	13344.	314.	51.08	.33	50.02	.33	3.66	.4	4.79
64	4.730	1467.65	3.48	597.	11010.	597.	42.46	.62	38.64	.62	2.01	.5	2.65
93	5.460	1454.13	3.13	1266.	9112.	1266.	36.49	2.22	31.44	2.22	3.05	.5	4.13
125	7.450	1406.70	1.95	0.	1143.	0.	2.23	.00	1.37	.00	.08	.5	1.70
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .80 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.1600 DTH = .0200 ITERR = 1
QU(1) = 57858.98 YU(1) = 1588.13 QU(N) = 2188.38 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.13	7.57	0.	7642.	0.	57.86	.00	57.80	.00	5.38	.6	5.93
24	1.640	1538.80	3.66	322.	13390.	322.	51.40	.35	50.33	.35	3.67	.4	4.80
64	4.730	1467.65	3.48	611.	11051.	611.	42.70	.64	38.87	.64	2.01	.5	2.65
93	5.460	1454.14	3.15	1295.	9188.	1295.	37.13	2.30	31.89	2.30	3.06	.5	4.14
125	7.450	1406.71	1.94	0.	1164.	0.	2.25	.00	1.40	.00	.09	.5	1.71
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .82 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.1800 DTH = .0200 ITERR = 1
QU(1) = 58287.71 YU(1) = 1588.15 QU(N) = 2188.62 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.15	7.59	0.	7676.	0.	58.29	.00	58.25	.00	5.41	.6	5.95
24	1.640	1538.81	3.67	330.	13441.	330.	51.75	.36	50.66	.36	3.68	.4	4.81
64	4.730	1467.66	3.48	625.	11092.	625.	42.94	.66	39.10	.66	2.02	.5	2.66
93	5.460	1454.16	3.17	1322.	9258.	1322.	37.73	2.37	32.31	2.37	3.07	.5	4.16
125	7.450	1406.71	1.92	0.	1172.	0.	2.25	.00	1.41	.00	.09	.5	1.71
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .70 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.2000 DTH = .0200 ITERR = 2
QU(1) = 58716.45 YU(1) = 1588.18 QU(N) = 2189.26 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.18	7.62	0.	7710.	0.	58.72	.00	58.70	.00	5.43	.6	5.98
24	1.640	1538.82	3.68	338.	13495.	338.	52.13	.37	51.02	.37	3.69	.4	4.82
64	4.730	1467.67	3.48	638.	11131.	638.	43.18	.68	39.32	.68	2.03	.5	2.67
93	5.460	1454.17	3.18	1349.	9326.	1349.	38.27	2.44	32.68	2.44	3.08	.5	4.17
125	7.450	1406.68	1.88	0.	1092.	0.	2.06	.00	1.22	.00	.06	.5	1.68
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .81 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.2200 DTH = .0200 ITERR = 1
QU(1) = 59145.18 YU(1) = 1588.21 QU(N) = 2189.57 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.21	7.64	0.	7744.	0.	59.15	.00	59.14	.00	5.46	.6	6.01
24	1.640	1538.83	3.69	348.	13553.	348.	52.53	.38	51.41	.38	3.70	.4	4.83

64	4.730	1467.68	3.48	652.	11170.	652.	43.40	.70	39.53	.70	2.04	.5	2.68
93	5.460	1454.18	3.19	1373.	9389.	1373.	38.77	2.51	33.03	2.51	3.10	.5	4.18
125	7.450	1406.65	1.95	0.	1016.	0.	1.98	.00	1.11	.00	.03	.6	1.65
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .58 IIFR= 127 FRM= .38 IIFM= 139

TT = 8.2400 DTH = .0200 ITERR = 1
QU(1) = 59573.92 YU(1) = 1588.23 QU(N) = 2190.17 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.23	7.66	0.	7776.	0.	59.57	.00	59.53	.00	5.48	.6	6.03
24	1.640	1538.85	3.69	358.	13614.	358.	52.94	.40	51.80	.40	3.71	.4	4.35
64	4.730	1467.68	3.48	665.	11208.	665.	43.62	.72	39.74	.72	2.04	.5	2.68
93	5.460	1454.19	3.21	1396.	9446.	1396.	39.25	2.57	33.37	2.57	3.11	.5	4.19
125	7.450	1406.77	2.10	0.	1359.	0.	2.85	.00	1.99	.00	.15	.6	1.77
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .58 IIFR= 128 FRM= .38 IIFM= 139

TT = 8.2600 DTH = .0200 ITERR = 1
QU(1) = 60002.65 YU(1) = 1588.26 QU(N) = 2190.51 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.26	7.69	0.	7808.	0.	60.00	.00	59.93	.00	5.51	.6	6.06
24	1.640	1538.86	3.70	368.	13677.	368.	53.38	.41	52.22	.41	3.72	.4	4.36
64	4.730	1467.69	3.48	678.	11244.	678.	43.84	.74	39.94	.74	2.05	.5	2.69
93	5.460	1454.20	3.22	1417.	9500.	1417.	39.70	2.63	33.68	2.63	3.12	.5	4.20
125	7.450	1407.00	1.89	0.	2159.	0.	4.08	.00	4.06	.00	.38	.4	2.00
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .61 IIFR= 126 FRM= .38 IIFM= 139

TT = 8.2800 DTH = .0200 ITERR = 1
QU(1) = 60431.39 YU(1) = 1588.28 QU(N) = 2191.09 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.28	7.71	0.	7840.	0.	60.43	.00	60.33	.00	5.53	.6	6.08
24	1.640	1538.87	3.71	380.	13743.	380.	53.82	.43	52.65	.43	3.74	.4	4.37
64	4.730	1467.70	3.48	691.	11280.	691.	44.05	.75	40.15	.75	2.06	.5	2.70
93	5.460	1454.21	3.23	1438.	9552.	1438.	40.11	2.68	33.97	2.68	3.13	.5	4.21
125	7.450	1407.17	2.18	15.	2842.	15.	6.25	.01	5.16	.01	.55	.5	2.17
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .61 IIFR= 126 FRM= .38 IIFM= 139

TT = 8.3000 DTH = .0200 ITERR = 1
QU(1) = 60860.12 YU(1) = 1588.30 QU(N) = 2191.49 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.30	7.73	0.	7871.	0.	60.86	.00	60.73	.00	5.56	.6	6.10
24	1.640	1538.88	3.72	391.	13810.	391.	54.28	.45	53.10	.45	3.75	.4	4.88
64	4.730	1467.70	3.48	705.	11319.	705.	44.30	.77	40.38	.77	2.06	.5	2.70
93	5.460	1454.22	3.24	1456.	9599.	1456.	40.50	2.73	34.25	2.73	3.13	.5	4.22
125	7.450	1407.26	2.24	34.	3219.	34.	7.35	.02	5.90	.02	.64	.5	2.26
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .60 IIFR= 127 FRM= .38 IIFM= 139

TT = 8.3200 DTH = .0200 ITERR = 1
QU(1) = 61288.86 YU(1) = 1588.33 QU(N) = 2191.29 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.33	7.76	0.	7901.	0.	61.29	.00	61.13	.00	5.58	.6	6.13
24	1.640	1538.90	3.73	403.	13880.	403.	54.75	.47	53.55	.47	3.76	.5	4.90
64	4.730	1467.71	3.48	721.	11361.	721.	44.56	.80	40.63	.80	2.07	.5	2.71
93	5.460	1454.23	3.25	1473.	9642.	1473.	40.85	2.78	34.50	2.78	3.14	.5	4.23
125	7.450	1407.31	2.19	49.	3444.	49.	7.75	.03	6.19	.03	.69	.5	2.31
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .63 IIFR= 127 FRM= .38 IIFM= 139

TT = 8.3400 DTH = .0200 ITERR = 1
QU(1) = 61717.59 YU(1) = 1588.35 QU(N) = 2191.39 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.35	7.78	0.	7931.	0.	61.72	.00	61.54	.00	5.60	.6	6.15
24	1.640	1538.91	3.74	415.	13948.	415.	55.21	.49	54.00	.49	3.78	.5	4.91
64	4.730	1467.72	3.48	737.	11404.	737.	44.82	.82	40.88	.82	2.08	.5	2.72
93	5.460	1454.23	3.25	1490.	9683.	1490.	41.18	2.83	34.74	2.83	3.15	.5	4.23
125	7.450	1407.34	2.24	57.	3553.	57.	8.20	.04	6.54	.04	.72	.5	2.34
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .63 IIFR= 128 FRM= .38 IIFM= 139

TT = 8.3600 DTH = .0200 ITERR = 1
QU(1) = 62146.33 YU(1) = 1588.37 QU(N) = 2191.34 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.37	7.81	0.	7960.	0.	62.15	.00	61.94	.00	5.62	.6	6.17
24	1.640	1538.92	3.74	428.	14017.	428.	55.67	.51	54.45	.51	3.79	.5	4.92
64	4.730	1467.73	3.48	752.	11446.	752.	45.07	.84	41.12	.84	2.09	.5	2.73
93	5.460	1454.24	3.26	1505.	9722.	1505.	41.50	2.87	34.97	2.87	3.16	.5	4.24
125	7.450	1407.35	2.27	61.	3615.	61.	8.49	.04	6.77	.04	.73	.5	2.35
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .63 IIFR= 128 FRM= .38 IIFM= 139

TT = 8.3800 DTH = .0200 ITERR = 1
QU(1) = 62575.06 YU(1) = 1588.40 QU(N) = 2191.37 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.40	7.83	0.	7990.	0.	62.58	.00	62.35	.00	5.65	.6	6.20
24	1.640	1538.94	3.75	440.	14086.	440.	56.12	.53	54.90	.53	3.80	.5	4.94
64	4.730	1467.73	3.48	767.	11486.	767.	45.30	.87	41.34	.87	2.09	.5	2.73
93	5.460	1454.25	3.27	1520.	9759.	1520.	41.81	2.91	35.19	2.91	3.16	.5	4.25
125	7.450	1407.37	2.28	68.	3699.	68.	8.73	.05	6.97	.05	.75	.5	2.37
140	8.480	1389.07	1.66	0.	1324.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .60 IIFR= 129 FRM= .38 IIFM= 139

TT = 8.4000 DTH = .0200 ITERR = 1
QU(1) = 63003.80 YU(1) = 1588.42 QU(N) = 2191.35 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.42	7.86	0.	8019.	0.	63.00	.00	62.75	.00	5.67	.6	6.22
24	1.640	1538.95	3.76	453.	14154.	453.	56.58	.55	55.35	.55	3.82	.5	4.95
64	4.730	1467.74	3.48	782.	11524.	782.	45.52	.89	41.56	.89	2.10	.5	2.74
93	5.460	1454.25	3.27	1535.	9795.	1535.	42.10	2.96	35.40	2.96	3.17	.5	4.25
125	7.450	1407.39	2.26	77.	3804.	77.	8.95	.05	7.15	.05	.77	.5	2.39
140	8.480	1389.07	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .61 IIFR= 129 FRM= .38 IIFM= 139

TT = 8.4200 DTH = .0200 ITERR = 1
QU(1) = 63432.53 YU(1) = 1588.44 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.44	7.88	0.	8049.	0.	63.43	.00	63.16	.00	5.69	.6	6.24
24	1.640	1538.97	3.76	466.	14222.	466.	57.04	.57	55.80	.57	3.83	.5	4.97
64	4.730	1467.75	3.48	796.	11561.	796.	45.74	.91	41.76	.91	2.11	.5	2.75
93	5.460	1454.26	3.28	1548.	9829.	1548.	42.39	3.00	35.61	3.00	3.18	.5	4.26
125	7.450	1407.41	2.27	84.	3882.	84.	9.21	.06	7.37	.06	.79	.5	2.41
140	8.480	1389.07	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .60 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.4400 DTH = .0200 ITERR = 1
QU(1) = 63861.27 YU(1) = 1588.46 QU(N) = 2191.35 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.46	7.91	0.	8079.	0.	63.86	.00	63.57	.00	5.72	.6	6.26
24	1.640	1538.98	3.77	479.	14289.	479.	57.48	.59	56.24	.59	3.84	.5	4.98
64	4.730	1467.75	3.48	810.	11596.	810.	45.94	.93	41.96	.93	2.11	.5	2.75
93	5.460	1454.27	3.28	1562.	9862.	1562.	42.65	3.03	35.80	3.03	3.18	.5	4.27
125	7.450	1407.42	2.30	89.	3933.	89.	9.47	.07	7.59	.07	.80	.5	2.42
140	8.480	1389.07	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.26	.4	1.07

164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .59 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.4600 DTH = .0200 ITERR = 1
QU(1) = 64290.00 YU(1) = 1588.49 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	*********	*******	******	********
1	.010	1588.49	7.93	0.	8108.	0.	64.29	.00	63.98	.00	5.74	.6	6.29
24	1.640	1538.99	3.78	491.	14356.	491.	57.93	.61	56.69	.61	3.86	.5	4.99
64	4.730	1467.76	3.48	823.	11631.	823.	46.14	.95	42.15	.95	2.12	.5	2.76
93	5.460	1454.27	3.29	1575.	9894.	1575.	42.92	3.07	35.99	3.07	3.19	.5	4.27
125	7.450	1407.44	2.31	95.	4004.	95.	9.71	.07	7.79	.07	.82	.5	2.44
140	8.480	1389.07	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .59 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.4800 DTH = .0200 ITERR = 1
QU(1) = 64718.73 YU(1) = 1588.51 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	*********	*******	******	********
1	.010	1588.51	7.95	0.	8137.	0.	64.72	.00	64.39	.00	5.76	.6	6.31
24	1.640	1539.00	3.78	504.	14422.	504.	58.39	.63	57.11	.63	3.87	.5	5.00
64	4.730	1467.77	3.47	837.	11664.	837.	46.34	.97	42.34	.97	2.13	.5	2.77
93	5.460	1454.28	3.30	1587.	9925.	1587.	43.17	3.11	36.18	3.11	3.19	.5	4.28
125	7.450	1407.46	2.32	104.	4094.	104.	9.97	.08	8.02	.08	.84	.5	2.46
140	8.480	1389.08	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.27	.4	1.08
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .60 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.5000 DTH = .0200 ITERR = 1
QU(1) = 65147.47 YU(1) = 1588.53 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	*********	*******	******	********
1	.010	1588.53	7.98	0.	8167.	0.	65.15	.00	64.80	.00	5.78	.6	6.33
24	1.640	1539.02	3.79	517.	14487.	517.	58.86	.66	57.49	.66	3.88	.5	5.02
64	4.730	1467.77	3.47	849.	11697.	849.	46.53	.99	42.53	.99	2.13	.5	2.77
93	5.460	1454.28	3.30	1599.	9955.	1599.	43.43	3.14	36.36	3.14	3.20	.5	4.28
125	7.450	1407.48	2.33	113.	4187.	113.	10.27	.09	8.28	.09	.86	.5	2.48
140	8.480	1389.08	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.27	.4	1.08
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .60 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.5200 DTH = .0200 ITERR = 1
QU(1) = 65576.20 YU(1) = 1588.55 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	*********	********	*********	********	*********	*********	*******	******	********
1	.010	1588.55	8.00	0.	8196.	0.	65.58	.00	65.21	.00	5.81	.6	6.35
24	1.640	1539.03	3.80	529.	14547.	529.	59.30	.68	57.85	.68	3.89	.5	5.03

64	4.730	1467.78	3.47	862.	11729.	862.	46.71	1.01	42.71	1.01	2.14	.5	2.78
93	5.460	1454.29	3.31	1512.	9986.	1612.	43.68	3.18	36.55	3.18	3.20	.5	4.29
125	7.450	1407.50	2.34	123.	4281.	123.	10.61	.10	8.59	.10	.88	.5	2.50
140	8.480	1389.07	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .59 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.5400 DTH = .0200 ITERR = 1
QU(1) = 66004.94 YU(1) = 1588.58 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.58	8.02	0.	8226.	0.	66.00	.00	65.62	.00	5.83	.6	6.38
24	1.640	1539.04	3.81	541.	14607.	541.	59.74	.71	58.21	.71	3.91	.5	5.04
64	4.730	1467.78	3.47	875.	11760.	875.	46.90	1.03	42.89	1.03	2.14	.5	2.78
93	5.460	1454.29	3.31	1624.	10015.	1624.	43.93	3.21	36.73	3.21	3.21	.5	4.29
125	7.450	1407.52	2.36	135.	4390.	135.	11.02	.12	8.96	.12	.90	.5	2.52
140	8.480	1389.07	1.66	0.	1325.	0.	2.20	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .59 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.5600 DTH = .0200 ITERR = 1
QU(1) = 66433.67 YU(1) = 1588.60 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.60	8.05	0.	8255.	0.	66.43	.00	66.04	.00	5.85	.6	6.40
24	1.640	1539.05	3.82	552.	14665.	552.	60.17	.73	58.57	.73	3.92	.5	5.05
64	4.730	1467.79	3.47	888.	11791.	888.	47.08	1.05	43.07	1.05	2.15	.5	2.79
93	5.460	1454.30	3.32	1636.	10046.	1636.	44.17	3.25	36.91	3.25	3.22	.5	4.30
125	7.450	1407.55	2.38	151.	4532.	151.	11.49	.14	9.39	.14	.93	.5	2.55
140	8.480	1389.08	1.66	0.	1326.	0.	2.20	.00	1.97	.00	.27	.4	1.08
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .59 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.5800 DTH = .0200 ITERR = 1
QU(1) = 66862.41 YU(1) = 1588.62 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.62	8.07	0.	8284.	0.	66.86	.00	66.45	.00	5.87	.6	6.42
24	1.640	1539.06	3.82	564.	14724.	564.	60.61	.75	58.93	.75	3.93	.5	5.06
64	4.730	1467.79	3.47	900.	11820.	900.	47.25	1.07	43.24	1.07	2.15	.5	2.79
93	5.460	1454.30	3.32	1649.	10075.	1649.	44.42	3.29	37.10	3.29	3.22	.5	4.30
125	7.450	1407.58	2.40	171.	4705.	171.	12.09	.16	9.96	.16	.96	.5	2.58
140	8.480	1389.08	1.66	0.	1327.	0.	2.20	.00	1.97	.00	.27	.4	1.08
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .59 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.6000 DTH = .0200 ITERR = 1
QU(1) = 67291.05 YU(1) = 1588.65 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.65	8.09	0.	8314.	0.	67.29	.00	66.87	.00	5.90	.6	6.45
24	1.640	1539.08	3.83	576.	14783.	576.	61.06	.78	59.30	.78	3.94	.5	5.08
64	4.730	1467.80	3.47	912.	11850.	912.	47.43	1.09	43.41	1.09	2.16	.5	2.80
93	5.460	1454.31	3.33	1661.	10105.	1661.	44.67	3.32	37.28	3.32	3.23	.5	4.31
125	7.450	1407.63	2.42	198.	4922.	198.	12.88	.20	10.72	.20	1.01	.5	2.63
140	8.480	1389.08	1.66	0.	1327.	0.	2.20	.00	1.97	.00	.27	.4	1.08
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .58 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.6200 DTH = .0200 ITERR = 1
QU(1) = 67458.58 YU(1) = 1588.66 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.66	8.10	0.	8329.	0.	67.46	.00	67.03	.00	5.91	.6	6.46
24	1.640	1539.09	3.84	587.	14840.	587.	61.52	.80	59.58	.80	3.95	.5	5.09
64	4.730	1467.81	3.47	924.	11878.	924.	47.60	1.11	43.58	1.11	2.16	.5	2.81
93	5.460	1454.32	3.33	1673.	10134.	1673.	44.91	3.36	37.46	3.36	3.23	.5	4.32
125	7.450	1407.69	2.45	236.	5207.	236.	13.92	.25	11.76	.25	1.07	.5	2.69
140	8.480	1389.07	1.65	0.	1323.	0.	2.19	.00	1.96	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .58 IIFR= 124 FRM= .38 IIFM= 139

TT = 8.6400 DTH = .0200 ITERR = 1
QU(1) = 67626.10 YU(1) = 1588.67 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.67	8.11	0.	8341.	0.	67.63	.00	67.19	.00	5.92	.6	6.47
24	1.640	1539.10	3.85	598.	14896.	598.	61.97	.83	60.07	.83	3.96	.5	5.10
64	4.730	1467.81	3.47	935.	11905.	935.	47.76	1.12	43.74	1.12	2.17	.5	2.81
93	5.460	1454.32	3.34	1685.	10162.	1685.	45.15	3.39	37.64	3.39	3.24	.5	4.32
125	7.450	1407.76	2.48	292.	5597.	292.	15.35	.34	13.25	.34	1.14	.5	2.76
140	8.480	1389.07	1.64	0.	1316.	0.	2.16	.00	1.94	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .56 IIFR= 1 FRM= .38 IIFM= 139

TT = 8.6600 DTH = .0200 ITERR = 1
QU(1) = 67793.63 YU(1) = 1588.68 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.68	8.12	0.	8353.	0.	67.79	.00	67.36	.00	5.93	.6	6.48
24	1.640	1539.11	3.86	609.	14950.	609.	62.42	.85	60.44	.85	3.97	.5	5.11
64	4.730	1467.81	3.47	946.	11932.	946.	47.91	1.14	43.89	1.14	2.17	.5	2.81
93	5.460	1454.33	3.34	1696.	10191.	1696.	45.38	3.43	37.80	3.43	3.24	.5	4.33
125	7.450	1407.87	2.52	381.	6164.	381.	17.48	.50	15.57	.50	1.25	.4	2.87
140	8.480	1389.07	1.63	0.	1306.	0.	2.13	.00	1.92	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .56 IIFR= 1 FRM= .38 IIFM= 139

TT = 8.6800 DTH = .0200 ITERR = 1
QU(1) = 67961.15 YU(1) = 1588.68 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.68	8.12	0.	8365.	0.	67.96	.00	67.52	.00	5.94	.6	6.48
24	1.640	1539.12	3.87	620.	15004.	620.	62.86	.88	60.82	.88	3.98	.5	5.12
64	4.730	1467.82	3.47	957.	11957.	957.	48.06	1.16	44.04	1.16	2.18	.5	2.82
93	5.460	1454.33	3.34	1708.	10218.	1708.	45.60	3.46	37.97	3.46	3.25	.5	4.33
125	7.450	1408.01	2.56	512.	6914.	512.	20.32	.75	18.75	.75	1.39	.4	3.01
140	8.480	1389.06	1.62	0.	1299.	0.	2.10	.00	1.91	.00	.25	.4	1.06
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .56 IIFR= 1 FRM= .38 IIFM= 139

TT = 8.7000 DTH = .0200 ITERR = 1
QU(1) = 68128.67 YU(1) = 1588.69 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.69	8.13	0.	8376.	0.	68.13	.00	67.68	.00	5.94	.6	6.49
24	1.640	1539.13	3.88	630.	15057.	630.	63.30	.90	61.19	.90	3.99	.5	5.13
64	4.730	1467.82	3.46	967.	11981.	967.	48.20	1.17	44.18	1.17	2.18	.5	2.82
93	5.460	1454.34	3.35	1718.	10244.	1718.	45.82	3.49	38.14	3.49	3.25	.5	4.34
125	7.450	1408.15	2.68	662.	7664.	662.	24.08	1.01	21.53	1.01	1.53	.4	3.15
140	8.480	1389.06	1.63	0.	1301.	0.	2.12	.00	1.92	.00	.25	.4	1.06
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .56 IIFR= 1 FRM= .39 IIFM= 140

TT = 8.7200 DTH = .0200 ITERR = 1
QU(1) = 68296.20 YU(1) = 1588.70 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.70	8.14	0.	8388.	0.	68.30	.00	67.85	.00	5.95	.6	6.50
24	1.640	1539.14	3.89	641.	15112.	641.	63.74	.93	61.56	.93	4.00	.5	5.14
64	4.730	1467.83	3.46	977.	12005.	977.	48.34	1.19	44.31	1.19	2.19	.5	2.83
93	5.460	1454.34	3.35	1729.	10271.	1729.	46.04	3.53	38.30	3.53	3.26	.5	4.34
125	7.450	1408.25	2.73	795.	8239.	795.	26.88	1.24	23.78	1.24	1.63	.4	3.25
140	8.480	1389.07	1.66	0.	1320.	0.	2.19	.00	1.97	.00	.26	.4	1.07
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .56 IIFR= 1 FRM= .39 IIFM= 141

TT = 8.7400 DTH = .0200 ITERR = 1
QU(1) = 68463.73 YU(1) = 1588.71 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.71	8.15	0.	8399.	0.	68.46	.00	68.01	.00	5.96	.6	6.51
24	1.640	1539.15	3.90	652.	15167.	652.	64.18	.95	61.94	.95	4.02	.5	5.15
64	4.730	1467.83	3.46	987.	12028.	987.	48.47	1.21	44.45	1.21	2.19	.5	2.83
93	5.460	1454.34	3.36	1740.	10296.	1740.	46.25	3.56	38.46	3.56	3.25	.5	4.34
125	7.450	1408.33	2.76	898.	8648.	898.	28.87	1.43	25.45	1.43	1.71	.4	3.33
140	8.480	1389.09	1.72	0.	1361.	0.	2.34	.00	2.07	.00	.28	.4	1.09

164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .39 IIFM= 142

TT = 8.7600 DTH = .0200 ITERR = 1
QU(1) = 68631.25 YU(1) = 1588.72 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.72	8.16	0.	8411.	0.	68.63	.00	68.17	.00	5.97	.6	6.52
24	1.640	1539.16	3.90	663.	15222.	663.	64.61	.98	62.31	.98	4.03	.5	5.16
64	4.730	1467.84	3.46	996.	12049.	996.	48.60	1.22	44.57	1.22	2.19	.5	2.84
93	5.460	1454.35	3.36	1750.	10320.	1750.	46.45	3.59	38.61	3.59	3.27	.5	4.35
125	7.450	1408.39	2.79	988.	8985.	988.	30.63	1.61	26.98	1.61	1.77	.4	3.39
140	8.480	1389.12	1.81	0.	1425.	0.	2.57	.00	2.23	.00	.31	.4	1.12
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .39 IIFM= 143

TT = 8.7800 DTH = .0200 ITERR = 1
QU(1) = 68798.77 YU(1) = 1588.73 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.73	8.17	0.	8422.	0.	68.80	.00	68.34	.00	5.98	.6	6.53
24	1.640	1539.17	3.91	674.	15276.	674.	65.05	1.00	62.68	1.00	4.04	.5	5.17
64	4.730	1467.84	3.46	1005.	12070.	1005.	48.72	1.24	44.69	1.24	2.20	.5	2.84
93	5.460	1454.35	3.36	1760.	10344.	1760.	46.54	3.62	38.75	3.62	3.27	.5	4.35
125	7.450	1408.44	2.81	1076.	9295.	1076.	32.14	1.78	28.34	1.78	1.82	.4	3.44
140	8.480	1389.15	1.91	0.	1516.	0.	2.90	.00	2.46	.00	.34	.4	1.15
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .39 IIFM= 143

TT = 8.8000 DTH = .0200 ITERR = 1
QU(1) = 68966.30 YU(1) = 1588.74 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.74	8.18	0.	8433.	0.	68.97	.00	68.50	.00	5.99	.6	6.54
24	1.640	1539.18	3.92	685.	15329.	685.	65.47	1.03	63.05	1.03	4.05	.5	5.18
64	4.730	1467.84	3.46	1014.	12089.	1014.	48.84	1.25	44.81	1.25	2.20	.5	2.84
93	5.460	1454.36	3.37	1770.	10367.	1770.	46.84	3.65	38.90	3.65	3.27	.5	4.36
125	7.450	1408.49	2.83	1155.	9564.	1155.	33.58	1.95	29.65	1.95	1.87	.4	3.49
140	8.480	1389.20	2.03	0.	1634.	0.	3.32	.00	2.78	.00	.39	.4	1.20
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= . .57 IIFR= 1 FRM= .39 IIFM= 144

TT = 8.8200 DTH = .0200 ITERR = 1
QU(1) = 69133.82 YU(1) = 1588.75 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.75	8.19	0.	8445.	0.	69.13	.00	68.67	.00	6.00	.6	6.55
24	1.640	1539.19	3.93	695.	15381.	695.	65.88	1.06	63.39	1.06	4.06	.5	5.19

64	4.730	1467.85	3.46	1022.	12109.	1022.	48.96	1.26	44.93	1.26	2.21	.5	2.85
93	5.460	1454.36	3.37	1779.	10389.	1779.	47.02	3.68	39.03	3.68	3.28	.5	4.36
125	7.450	1408.54	2.86	1228.	9802.	1228.	35.02	2.09	30.66	2.09	1.92	.4	3.54
140	8.480	1389.26	2.15	0.	1778.	0.	3.82	.00	3.17	.00	.45	.5	1.26
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .39 IIFM= 145

TT = 8.8400 DTH = .0200 ITERR = 1
QU(1) = 69301.34 YU(1) = 1588.76 QU(N) = 2191.36 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.76	8.20	0.	8457.	0.	69.30	.00	68.83	.00	6.01	.6	6.56
24	1.640	1539.20	3.93	705.	15428.	705.	66.25	1.08	63.72	1.08	4.07	.5	5.20
64	4.730	1467.85	3.46	1030.	12126.	1030.	49.07	1.28	45.04	1.28	2.21	.5	2.85
93	5.460	1454.37	3.37	1788.	10412.	1788.	47.20	3.71	39.17	3.71	3.28	.5	4.37
125	7.450	1408.57	2.88	1294.	10012.	1294.	36.33	2.23	31.56	2.23	1.95	.4	3.57
140	8.480	1389.33	2.27	0.	1952.	0.	4.42	.00	3.67	.00	.52	.5	1.33
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .39 IIFM= 146

TT = 8.8600 DTH = .0200 ITERR = 1
QU(1) = 69468.87 YU(1) = 1588.76 QU(N) = 2191.30 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.76	8.20	0.	8468.	0.	69.47	.00	69.00	.00	6.02	.6	6.56
24	1.640	1539.21	3.94	714.	15473.	714.	66.60	1.10	64.02	1.10	4.08	.5	5.21
64	4.730	1467.85	3.46	1038.	12144.	1038.	49.17	1.29	45.14	1.29	2.21	.5	2.85
93	5.460	1454.37	3.38	1797.	10432.	1797.	47.37	3.73	39.30	3.73	3.29	.5	4.37
125	7.450	1408.60	2.91	1346.	10173.	1346.	37.41	2.34	32.32	2.34	1.98	.4	3.60
140	8.480	1389.41	2.37	0.	2157.	0.	5.12	.00	4.29	.00	.60	.5	1.41
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .39 IIFM= 146

TT = 8.8800 DTH = .0200 ITERR = 1
QU(1) = 69636.39 YU(1) = 1588.77 QU(N) = 2192.08 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.77	8.21	0.	8479.	0.	69.64	.00	69.16	.00	6.02	.6	6.57
24	1.640	1539.22	3.95	722.	15513.	722.	66.91	1.12	64.28	1.12	4.08	.5	5.22
64	4.730	1467.86	3.46	1046.	12161.	1046.	49.28	1.30	45.25	1.30	2.22	.5	2.86
93	5.460	1454.37	3.38	1806.	10453.	1806.	47.54	3.76	39.43	3.76	3.29	.5	4.37
125	7.450	1408.63	2.92	1389.	10304.	1389.	38.24	2.43	32.90	2.43	2.01	.4	3.63
140	8.480	1389.49	2.46	0.	2391.	0.	5.89	.00	5.02	.00	.68	.5	1.49
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .39 IIFM= 147

TT = 8.9000 DTH = .0200 ITERR = 1
QU(1) = 69803.91 YU(1) = 1588.78 QU(N) = 2192.39 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.78	8.22	0.	8491.	0.	69.80	.00	69.32	.00	6.03	.6	6.58
24	1.640	1539.23	3.95	730.	15549.	730.	67.19	1.14	64.52	1.14	4.09	.5	5.23
64	4.730	1467.86	3.46	1053.	12179.	1053.	49.39	1.32	45.36	1.32	2.22	.5	2.86
93	5.460	1454.38	3.38	1814.	10473.	1814.	47.71	3.79	39.55	3.79	3.29	.5	4.33
125	7.450	1408.65	2.93	1427.	10415.	1427.	38.94	2.51	33.40	2.51	2.03	.4	3.65
140	8.480	1389.59	2.54	0.	2654.	0.	6.74	.00	5.89	.00	.78	.5	1.59
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .39 IIFM= 148

TT = 8.9200 DTH = .0200 ITERR = 1
QU(1) = 69971.44 YU(1) = 1588.79 QU(N) = 2192.18 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.79	8.23	0.	8502.	0.	69.97	.00	69.49	.00	6.04	.6	6.59
24	1.640	1539.23	3.95	736.	15583.	736.	67.45	1.16	64.75	1.16	4.10	.5	5.23
64	4.730	1467.86	3.46	1061.	12196.	1061.	49.50	1.33	45.47	1.33	2.22	.5	2.86
93	5.460	1454.38	3.39	1823.	10493.	1823.	47.87	3.81	39.67	3.81	3.30	.5	4.33
125	7.450	1408.66	2.95	1457.	10504.	1457.	39.55	2.57	33.84	2.57	2.04	.4	3.66
140	8.480	1389.69	2.60	0.	2955.	0.	7.70	.00	6.95	.00	.88	.5	1.69
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .39 IIFM= 148

TT = 8.9400 DTH = .0200 ITERR = 1
QU(1) = 70138.96 YU(1) = 1588.80 QU(N) = 2192.98 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.80	8.24	0.	8514.	0.	70.14	.00	69.65	.00	6.05	.6	6.60
24	1.640	1539.24	3.96	743.	15613.	743.	67.69	1.17	64.96	1.17	4.10	.5	5.24
64	4.730	1467.87	3.46	1069.	12213.	1069.	49.61	1.34	45.58	1.34	2.22	.5	2.87
93	5.460	1454.38	3.39	1830.	10512.	1830.	48.02	3.83	39.79	3.83	3.30	.5	4.38
125	7.450	1408.68	2.96	1485.	10586.	1485.	40.09	2.63	34.24	2.63	2.06	.4	3.68
140	8.480	1389.81	2.66	0.	3305.	0.	8.80	.00	8.24	.00	1.00	.4	1.81
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .39 IIFM= 149

TT = 8.9600 DTH = .0200 ITERR = 1
QU(1) = 70306.48 YU(1) = 1588.81 QU(N) = 2194.03 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.81	8.25	0.	8525.	0.	70.31	.00	69.82	.00	6.06	.6	6.61
24	1.640	1539.24	3.96	748.	15641.	748.	67.90	1.19	65.14	1.19	4.11	.5	5.24
64	4.730	1467.87	3.46	1077.	12232.	1077.	49.73	1.36	45.70	1.36	2.23	.5	2.87
93	5.460	1454.39	3.39	1838.	10530.	1838.	48.17	3.86	39.90	3.86	3.30	.5	4.39
125	7.450	1408.69	2.97	1512.	10663.	1512.	40.61	2.69	34.62	2.69	2.07	.4	3.69
140	8.480	1389.93	2.69	0.	3671.	0.	9.87	.00	9.63	.00	1.12	.4	1.93
164	10.290	1356.10	1.73	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .39 IIFM= 150

TT = 8.9800 DTH = .0200 ITERR = 1
QU(1) = 70474.01 YU(1) = 1588.82 QU(N) = 2194.19 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.82	8.26	0.	8537.	0.	70.47	.00	69.99	.00	6.07	.6	6.62
24	1.640	1539.25	3.97	754.	15667.	754.	68.10	1.20	65.31	1.20	4.11	.5	5.25
64	4.730	1467.87	3.46	1086.	12251.	1086.	49.85	1.37	45.82	1.37	2.23	.5	2.87
93	5.460	1454.39	3.39	1846.	10547.	1846.	48.32	3.88	40.02	3.88	3.31	.5	4.39
125	7.450	1408.71	2.98	1535.	10729.	1535.	41.07	2.75	34.97	2.75	2.08	.4	3.71
140	8.480	1390.03	2.72	0.	4009.	0.	10.91	.00	10.77	.00	1.22	.4	2.03
164	10.290	1356.10	1.74	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .40 IIFM= 150

TT = 9.0000 DTH = .0200 ITERR = 1
QU(1) = 70641.53 YU(1) = 1588.83 QU(N) = 2194.11 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.83	8.26	0.	8548.	0.	70.64	.00	70.15	.00	6.08	.6	6.63
24	1.640	1539.25	3.97	759.	15691.	759.	68.29	1.21	65.47	1.21	4.12	.5	5.25
64	4.730	1467.88	3.46	1095.	12272.	1095.	49.99	1.39	45.96	1.39	2.24	.5	2.88
93	5.460	1454.39	3.40	1853.	10564.	1853.	48.45	3.90	40.12	3.90	3.31	.5	4.39
125	7.450	1408.72	2.98	1557.	10791.	1557.	41.47	2.79	35.27	2.79	2.10	.4	3.72
140	8.480	1390.12	2.80	2.	4304.	2.	12.06	.00	11.58	.00	1.31	.4	2.12
164	10.290	1356.10	1.73	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .40 IIFM= 151

TT = 9.0200 DTH = .0200 ITERR = 1
QU(1) = 70809.05 YU(1) = 1588.83 QU(N) = 2194.15 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.83	8.27	0.	8560.	0.	70.81	.00	70.32	.00	6.09	.6	6.63
24	1.640	1539.26	3.97	763.	15714.	763.	68.47	1.22	65.63	1.22	4.12	.5	5.26
64	4.730	1467.88	3.46	1105.	12294.	1105.	50.14	1.40	46.11	1.40	2.24	.5	2.88
93	5.460	1454.40	3.40	1859.	10580.	1859.	48.59	3.92	40.22	3.92	3.31	.5	4.40
125	7.450	1408.73	2.99	1576.	10845.	1576.	41.85	2.84	35.55	2.84	2.11	.4	3.73
140	8.480	1390.20	2.88	6.	4569.	6.	13.19	.00	12.47	.00	1.39	.4	2.20
164	10.290	1356.10	1.74	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .40 IIFM= 152

TT = 9.0400 DTH = .0200 ITERR = 1
QU(1) = 70976.58 YU(1) = 1588.84 QU(N) = 2194.13 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.84	8.28	0.	8571.	0.	70.98	.00	70.48	.00	6.09	.6	6.64
24	1.640	1539.26	3.97	768.	15736.	768.	68.64	1.23	65.78	1.23	4.13	.5	5.26
64	4.730	1467.89	3.46	1117.	12319.	1117.	50.31	1.42	46.27	1.42	2.24	.5	2.89
93	5.460	1454.40	3.40	1866.	10595.	1866.	48.71	3.94	40.32	3.94	3.32	.5	4.40
125	7.450	1408.74	3.00	1594.	10895.	1594.	42.19	2.88	35.81	2.88	2.11	.4	3.74
140	8.480	1390.27	2.97	10.	4823.	10.	14.40	.01	13.49	.01	1.46	.5	2.27

164	10.290	1356.10	1.73	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 152

TT = 9.0600 DTH = .0200 ITERR = 1
QU(1) = 71144.10 YU(1) = 1588.85 QU(N) = 2194.14 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.85	8.29	0.	8583.	0.	71.14	.00	70.65	.00	6.10	.6	6.65
24	1.640	1539.27	3.98	772.	15757.	772.	68.81	1.25	65.93	1.25	4.13	.5	5.27
64	4.730	1467.89	3.46	1129.	12345.	1129.	50.48	1.44	46.45	1.44	2.25	.5	2.89
93	5.460	1454.40	3.40	1873.	10611.	1873.	48.84	3.96	40.41	3.96	3.32	.5	4.40
125	7.450	1408.74	3.00	1611.	10943.	1611.	42.52	2.92	36.05	2.92	2.12	.4	3.74
140	8.480	1390.36	3.06	18.	5115.	18.	15.75	.01	14.68	.01	1.55	.5	2.36
164	10.290	1356.10	1.73	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 153

TT = 9.0800 DTH = .0200 ITERR = 1
QU(1) = 71311.63 YU(1) = 1588.86 QU(N) = 2194.08 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.86	8.30	0.	8594.	0.	71.31	.00	70.81	.00	6.11	.6	6.66
24	1.640	1539.27	3.98	776.	15779.	776.	68.98	1.26	66.08	1.26	4.14	.5	5.27
64	4.730	1467.90	3.46	1142.	12374.	1142.	50.68	1.47	46.65	1.47	2.25	.5	2.90
93	5.460	1454.40	3.40	1879.	10626.	1879.	48.96	3.98	40.51	3.98	3.32	.5	4.40
125	7.450	1408.75	3.01	1627.	10987.	1627.	42.83	2.96	36.28	2.96	2.13	.4	3.75
140	8.480	1390.45	3.14	28.	5460.	28.	17.29	.02	16.10	.02	1.64	.5	2.45
164	10.290	1356.10	1.73	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 154

TT = 9.1000 DTH = .0200 ITERR = 1
QU(1) = 71478.91 YU(1) = 1588.87 QU(N) = 2194.80 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.87	8.31	0.	8606.	0.	71.48	.00	70.98	.00	6.12	.6	6.67
24	1.640	1539.27	3.98	781.	15800.	781.	69.15	1.27	66.23	1.27	4.14	.5	5.27
64	4.730	1467.90	3.46	1157.	12405.	1157.	50.89	1.49	46.86	1.49	2.26	.5	2.90
93	5.460	1454.41	3.41	1885.	10640.	1885.	49.08	4.00	40.60	4.00	3.32	.5	4.41
125	7.450	1408.76	3.01	1642.	11029.	1642.	43.12	2.99	36.51	2.99	2.14	.4	3.76
140	8.480	1390.55	3.22	42.	5851.	42.	19.10	.04	17.85	.04	1.74	.5	2.55
164	10.290	1356.10	1.74	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 154

TT = 9.1200 DTH = .0200 ITERR = 1
QU(1) = 71374.37 YU(1) = 1588.87 QU(N) = 2195.90 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.87	8.30	0.	8602.	0.	71.37	.00	70.88	.00	6.12	.6	6.67
24	1.640	1539.28	3.99	785.	15821.	785.	69.32	1.28	66.38	1.28	4.14	.5	5.28

64	4.730	1467.91	3.46	1172.	12438.	1172.	51.12	1.52	47.09	1.52	2.27	.5	2.91
93	5.460	1454.41	3.41	1891.	10654.	1891.	49.20	4.02	40.69	4.02	3.33	.5	4.41
125	7.450	1408.77	3.02	1657.	11070.	1657.	43.41	3.03	36.73	3.03	2.15	.4	3.77
140	8.480	1390.67	3.29	62.	6314.	62.	21.16	.07	19.96	.07	1.86	.5	2.67
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 155

TT = 9.1400 DTH = .0200 ITERR = 1
QU(1) = 71269.84 YU(1) = 1588.86 QU(N) = 2196.03 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.86	8.29	0.	8596.	0.	71.27	.00	70.77	.00	6.11	.6	6.66
24	1.640	1539.28	3.99	789.	15841.	789.	69.49	1.29	66.53	1.29	4.15	.5	5.28
64	4.730	1467.91	3.46	1188.	12472.	1188.	51.37	1.55	47.34	1.55	2.27	.5	2.91
93	5.460	1454.41	3.41	1897.	10669.	1897.	49.32	4.04	40.78	4.04	3.33	.5	4.41
125	7.450	1408.77	3.02	1672.	11109.	1672.	43.68	3.06	36.94	3.06	2.15	.4	3.77
140	8.480	1390.81	3.35	90.	6874.	90.	23.62	.12	22.63	.12	2.00	.5	2.81
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 156

TT = 9.1600 DTH = .0200 ITERR = 1
QU(1) = 71165.30 YU(1) = 1588.86 QU(N) = 2195.96 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.86	8.29	0.	8589.	0.	71.17	.00	70.67	.00	6.11	.6	6.66
24	1.640	1539.29	3.99	794.	15862.	794.	69.66	1.30	66.67	1.30	4.15	.5	5.29
64	4.730	1467.92	3.46	1206.	12509.	1206.	51.63	1.58	47.60	1.58	2.28	.5	2.92
93	5.460	1454.42	3.41	1903.	10683.	1903.	49.43	4.06	40.87	4.06	3.33	.5	4.42
125	7.450	1408.78	3.03	1686.	11148.	1686.	43.95	3.09	37.14	3.09	2.16	.4	3.78
140	8.480	1390.96	3.38	125.	7482.	125.	26.16	.18	25.59	.18	2.15	.5	2.96
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 157

TT = 9.1800 DTH = .0200 ITERR = 1
QU(1) = 71060.76 YU(1) = 1588.85 QU(N) = 2196.00 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.85	8.28	0.	8582.	0.	71.06	.00	70.57	.00	6.10	.6	6.65
24	1.640	1539.29	3.99	798.	15884.	798.	69.83	1.31	66.82	1.31	4.16	.5	5.29
64	4.730	1467.93	3.46	1225.	12549.	1225.	51.92	1.61	47.89	1.61	2.29	.5	2.93
93	5.460	1454.42	3.41	1910.	10698.	1910.	49.56	4.08	40.96	4.08	3.33	.5	4.42
125	7.450	1408.79	3.03	1700.	11184.	1700.	44.21	3.13	37.34	3.13	2.17	.4	3.79
140	8.480	1391.09	3.42	163.	8060.	163.	28.65	.25	27.94	.25	2.28	.5	3.09
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 157

TT = 9.2000 DTH = .0200 ITERR = 1
QU(1) = 70956.23 YU(1) = 1588.85 QU(N) = 2195.98 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.85	8.27	0.	8575.	0.	70.96	.00	70.46	.00	6.10	.6	6.65
24	1.640	1539.30	4.00	802.	15905.	802.	70.00	1.32	66.97	1.32	4.16	.5	5.30
64	4.730	1467.93	3.46	1245.	12591.	1245.	52.22	1.65	48.19	1.65	2.29	.5	2.93
93	5.460	1454.42	3.42	1916.	10713.	1916.	49.59	4.10	41.06	4.10	3.34	.5	4.42
125	7.450	1408.79	3.04	1713.	11221.	1713.	44.46	3.16	37.54	3.16	2.17	.4	3.79
140	8.480	1391.20	3.45	198.	8566.	198.	30.93	.32	29.94	.32	2.39	.5	3.20
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .40 IIFM= 158

TT = 9.2200 DTH = .0200 ITERR = 1
QU(1) = 70851.69 YU(1) = 1588.84 QU(N) = 2195.98 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.84	8.27	0.	8568.	0.	70.85	.00	70.36	.00	6.09	.6	6.64
24	1.640	1539.30	4.00	807.	15926.	807.	70.17	1.33	67.12	1.33	4.16	.5	5.30
64	4.730	1467.94	3.46	1267.	12635.	1267.	52.54	1.69	48.52	1.69	2.30	.5	2.94
93	5.460	1454.42	3.42	1923.	10729.	1923.	49.83	4.12	41.17	4.12	3.34	.5	4.42
125	7.450	1408.80	3.04	1726.	11256.	1726.	44.71	3.19	37.73	3.19	2.18	.4	3.80
140	8.480	1391.29	3.48	229.	8991.	229.	32.91	.39	31.77	.39	2.48	.5	3.29
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .40 IIFM= 159

TT = 9.2400 DTH = .0200 ITERR = 1
QU(1) = 70747.16 YU(1) = 1588.84 QU(N) = 2196.03 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.84	8.26	0.	8561.	0.	70.75	.00	70.26	.00	6.09	.6	6.64
24	1.640	1539.30	4.00	811.	15947.	811.	70.34	1.35	67.27	1.35	4.17	.5	5.30
64	4.730	1467.95	3.47	1291.	12685.	1291.	52.90	1.74	48.88	1.74	2.31	.5	2.95
93	5.460	1454.43	3.42	1931.	10747.	1931.	49.97	4.15	41.28	4.15	3.34	.5	4.43
125	7.450	1408.81	3.04	1739.	11290.	1739.	44.96	3.22	37.92	3.22	2.19	.4	3.81
140	8.480	1391.37	3.51	258.	9368.	258.	34.66	.46	33.46	.46	2.56	.5	3.37
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .40 IIFM= 159

TT = 9.2600 DTH = .0200 ITERR = 1
QU(1) = 70642.62 YU(1) = 1588.83 QU(N) = 2196.09 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.83	8.26	0.	8554.	0.	70.64	.00	70.15	.00	6.08	.6	6.63
24	1.640	1539.31	4.01	815.	15968.	815.	70.50	1.36	67.42	1.36	4.17	.5	5.31
64	4.730	1467.96	3.47	1317.	12737.	1317.	53.34	1.79	49.32	1.79	2.32	.5	2.96
93	5.460	1454.43	3.42	1939.	10765.	1939.	50.13	4.17	41.41	4.17	3.35	.5	4.43
125	7.450	1408.81	3.05	1752.	11323.	1752.	45.19	3.25	38.10	3.25	2.19	.4	3.81
140	8.480	1391.44	3.52	285.	9703.	285.	36.12	.52	34.93	.52	2.63	.5	3.44
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FROM= .57 IIFR= 1 FRM= .40 IIFM= 160

TT = 9.2800 DTH = .0200 ITERR = 1
QU(1) = 70538.08 YU(1) = 1588.82 QU(N) = 2194.77 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.82	8.25	0.	8546.	0.	70.54	.00	70.05	.00	6.08	.6	6.62
24	1.640	1539.31	4.01	819.	15988.	819.	70.66	1.37	67.56	1.37	4.18	.5	5.31
64	4.730	1467.97	3.48	1343.	12790.	1343.	53.80	1.84	49.78	1.84	2.33	.5	2.97
93	5.460	1454.43	3.43	1947.	10785.	1947.	50.31	4.20	41.54	4.20	3.35	.5	4.43
125	7.450	1408.82	3.05	1764.	11356.	1764.	45.42	3.28	38.28	3.28	2.20	.4	3.82
140	8.480	1391.50	3.52	308.	9981.	308.	37.31	.57	36.15	.57	2.69	.5	3.50
164	10.290	1356.10	1.74	0.	1265.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .40 IIFM= 161

TT = 9.3000 DTH = .0200 ITERR = 1
QU(1) = 70433.55 YU(1) = 1588.82 QU(N) = 2191.92 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.82	8.25	0.	8539.	0.	70.43	.00	69.95	.00	6.07	.6	6.62
24	1.640	1539.31	4.01	823.	16006.	823.	70.80	1.38	67.68	1.38	4.18	.5	5.31
64	4.730	1467.98	3.48	1369.	12841.	1369.	54.24	1.89	50.23	1.89	2.34	.5	2.98
93	5.460	1454.44	3.43	1957.	10807.	1957.	50.49	4.23	41.69	4.23	3.35	.5	4.44
125	7.450	1408.83	3.06	1776.	11389.	1776.	45.65	3.31	38.46	3.31	2.20	.4	3.83
140	8.480	1391.54	3.53	328.	10209.	328.	38.34	.62	36.98	.62	2.73	.5	3.54
164	10.290	1356.10	1.73	0.	1264.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .41 IIFM= 161

TT = 9.3200 DTH = .0200 ITERR = 1
QU(1) = 70329.01 YU(1) = 1588.81 QU(N) = 2187.63 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.81	8.24	0.	8532.	0.	70.33	.00	69.84	.00	6.06	.6	6.61
24	1.640	1539.32	4.01	826.	16022.	826.	70.92	1.39	67.79	1.39	4.18	.5	5.32
64	4.730	1467.99	3.49	1395.	12892.	1395.	54.69	1.94	50.67	1.94	2.35	.5	2.99
93	5.460	1454.44	3.43	1967.	10831.	1967.	50.70	4.27	41.85	4.27	3.36	.5	4.44
125	7.450	1408.83	3.06	1788.	11419.	1788.	45.87	3.34	38.63	3.34	2.21	.4	3.83
140	8.480	1391.58	3.54	343.	10392.	343.	39.20	.65	37.68	.65	2.77	.5	3.58
164	10.290	1356.10	1.73	0.	1263.	0.	2.19	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .41 IIFM= 162

TT = 9.3400 DTH = .0200 ITERR = 1
QU(1) = 70224.48 YU(1) = 1588.81 QU(N) = 2183.29 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.81	8.24	0.	8525.	0.	70.22	.00	69.74	.00	6.06	.6	6.61
24	1.640	1539.32	4.01	829.	16035.	829.	71.02	1.39	67.87	1.39	4.19	.5	5.32
64	4.730	1468.00	3.49	1421.	12943.	1421.	55.14	2.00	51.13	2.00	2.36	.5	3.00
93	5.460	1454.45	3.44	1978.	10857.	1978.	50.92	4.30	42.02	4.30	3.36	.5	4.45
125	7.450	1408.84	3.06	1800.	11450.	1800.	46.08	3.37	38.79	3.37	2.22	.4	3.84
140	8.480	1391.61	3.55	356.	10536.	356.	39.90	.68	38.27	.68	2.80	.5	3.61

164	10.290	1356.10	1.73	0.	1262.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .41 IIFM= 163

TT = 9.3600 DTH = .0200 ITERR = 1
QU(1) = 70119.94 YU(1) = 1588.80 QU(N) = 2180.06 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.80	8.23	0.	8518.	0.	70.12	.00	69.64	.00	6.05	.6	6.60
24	1.640	1539.32	4.01	831.	16044.	831.	71.08	1.40	67.93	1.40	4.19	.5	5.32
64	4.730	1468.01	3.50	1449.	12996.	1449.	55.66	2.06	51.49	2.06	2.37	.5	3.01
93	5.460	1454.45	3.44	1990.	10884.	1990.	51.16	4.34	42.20	4.34	3.37	.5	4.45
125	7.450	1408.84	3.07	1811.	11479.	1811.	46.29	3.39	38.96	3.39	2.22	.4	3.84
140	8.480	1391.63	3.55	367.	10657.	367.	40.49	.71	38.77	.71	2.82	.5	3.63
164	10.290	1356.10	1.73	0.	1261.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .41 IIFM= 163

TT = 9.3800 DTH = .0200 ITERR = 1
QU(1) = 70015.40 YU(1) = 1588.80 QU(N) = 2183.08 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.80	8.23	0.	8511.	0.	70.02	.00	69.53	.00	6.05	.6	6.60
24	1.640	1539.32	4.01	832.	16050.	832.	71.11	1.40	67.95	1.40	4.19	.5	5.32
64	4.730	1468.02	3.51	1476.	13048.	1476.	56.19	2.12	51.83	2.12	2.38	.5	3.02
93	5.460	1454.46	3.45	2003.	10914.	2003.	51.41	4.38	42.40	4.38	3.37	.5	4.46
125	7.450	1408.85	3.07	1822.	11507.	1822.	46.49	3.42	39.11	3.42	2.23	.4	3.85
140	8.480	1391.65	3.56	376.	10760.	376.	41.00	.73	39.21	.73	2.84	.5	3.65
164	10.290	1356.10	1.73	0.	1261.	0.	2.18	.00	1.87	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .41 IIFM= 164

TT = 9.4000 DTH = .0200 ITERR = 1
QU(1) = 69909.90 YU(1) = 1588.79 QU(N) = 2198.22 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.79	8.22	0.	8503.	0.	69.91	.00	69.43	.00	6.04	.6	6.59
24	1.640	1539.32	4.01	833.	16052.	833.	71.11	1.40	67.95	1.40	4.19	.5	5.32
64	4.730	1468.03	3.52	1502.	13098.	1502.	56.69	2.19	52.15	2.19	2.39	.5	3.03
93	5.460	1454.46	3.45	2017.	10946.	2017.	51.69	4.43	42.62	4.43	3.38	.5	4.46
125	7.450	1408.85	3.07	1833.	11536.	1833.	46.69	3.45	39.27	3.45	2.23	.4	3.85
140	8.480	1391.67	3.57	384.	10850.	384.	41.45	.75	39.60	.75	2.86	.5	3.67
164	10.290	1356.10	1.74	0.	1265.	0.	2.20	.00	1.88	.00	.21	.4	1.10

FRDM= .57 IIFR= 1 FRM= .41 IIFM= 164

TT = 9.4200 DTH = .0200 ITERR = 1
QU(1) = 69054.23 YU(1) = 1588.75 QU(N) = 2228.30 YU(N) = 1356.10

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.75	8.17	0.	8455.	0.	69.05	.00	68.59	.00	6.01	.6	6.55
24	1.640	1539.32	4.01	832.	16050.	832.	71.08	1.40	67.92	1.40	4.19	.5	5.32

64	4.730	1468.04	3.53	1528.	13149.	1528.	57.19	2.25	52.47	2.25	2.39	.5	3.04
93	5.460	1454.47	3.46	2033.	10982.	2033.	52.00	4.48	42.86	4.48	3.39	.5	4.47
125	7.450	1408.86	3.07	1843.	11563.	1843.	46.88	3.47	39.42	3.47	2.24	.4	3.86
140	8.480	1391.69	3.57	391.	10930.	391.	41.85	.77	39.96	.77	2.88	.5	3.69
164	10.290	1356.10	1.75	0.	1273.	0.	2.23	.00	1.90	.00	.21	.4	1.10

FROM= .56 IIFR= 1 FRM= .41 IIFM= 164

TT = 9.4400 DTH = .0200 ITERR = 1
QU(1) = 68198.57 YU(1) = 1588.71 QU(N) = 2279.55 YU(N) = 1356.11

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.71	8.12	0.	8399.	0.	68.20	.00	67.75	.00	5.96	.6	6.51
24	1.640	1539.32	4.01	831.	16045.	831.	71.03	1.40	67.88	1.40	4.19	.5	5.32
64	4.730	1468.05	3.54	1555.	13200.	1555.	57.70	2.31	52.80	2.31	2.40	.5	3.05
93	5.460	1454.48	3.46	2050.	11022.	2050.	52.34	4.54	43.13	4.54	3.39	.5	4.48
125	7.450	1408.86	3.08	1854.	11589.	1854.	47.07	3.50	39.57	3.50	2.24	.4	3.86
140	8.480	1391.70	3.58	397.	11001.	397.	42.22	.79	40.28	.79	2.89	.5	3.70
164	10.290	1356.11	1.77	0.	1288.	0.	2.28	.00	1.94	.00	.22	.4	1.11

FROM= .56 IIFR= 1 FRM= .41 IIFM= 164

TT = 9.4600 DTH = .0200 ITERR = 1
QU(1) = 67342.91 YU(1) = 1588.67 QU(N) = 2353.97 YU(N) = 1356.12

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.67	8.07	0.	8341.	0.	67.34	.00	66.91	.00	5.92	.6	6.47
24	1.640	1539.32	4.01	830.	16038.	830.	70.96	1.39	67.82	1.39	4.19	.5	5.32
64	4.730	1468.05	3.55	1582.	13252.	1582.	58.22	2.38	53.14	2.38	2.41	.5	3.05
93	5.460	1454.48	3.47	2068.	11063.	2068.	52.70	4.60	43.41	4.60	3.40	.5	4.48
125	7.450	1408.87	3.08	1864.	11615.	1864.	47.25	3.52	39.71	3.52	2.25	.4	3.87
140	8.480	1391.71	3.58	403.	11068.	403.	42.57	.80	40.59	.80	2.90	.5	3.71
164	10.290	1356.12	1.80	0.	1309.	0.	2.35	.00	1.98	.00	.23	.4	1.12

FROM= .56 IIFR= 1 FRM= .42 IIFM= 164

TT = 9.4800 DTH = .0200 ITERR = 1
QU(1) = 66487.25 YU(1) = 1588.62 QU(N) = 2452.64 YU(N) = 1356.13

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1588.62	8.03	0.	8282.	0.	66.49	.00	66.08	.00	5.87	.6	6.42
24	1.640	1539.32	4.01	828.	16029.	828.	70.89	1.39	67.75	1.39	4.18	.5	5.32
64	4.730	1468.06	3.56	1609.	13304.	1609.	58.74	2.45	53.48	2.45	2.42	.5	3.06
93	5.460	1454.49	3.47	2088.	11108.	2088.	53.09	4.66	43.71	4.66	3.41	.5	4.49
125	7.450	1408.87	3.08	1873.	11640.	1873.	47.42	3.54	39.85	3.54	2.25	.4	3.87
140	8.480	1391.72	3.59	409.	11129.	409.	42.88	.82	40.87	.82	2.91	.5	3.72
164	10.290	1356.13	1.83	0.	1338.	0.	2.45	.00	2.05	.00	.24	.4	1.13

FROM= .56 IIFR= 1 FRM= .42 IIFM= 164

TT = 9.5000 DTH = .0200 ITERR = 1
QU(1) = 65631.59 YU(1) = 1588.58 QU(N) = 2575.76 YU(N) = 1356.15

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.58	7.98	0.	8223.	0.	65.63	.00	65.25	.00	5.83	.6	6.38
24	1.640	1539.32	4.01	826.	16019.	826.	70.80	1.38	67.67	1.38	4.18	.5	5.32
64	4.730	1468.07	3.56	1636.	13357.	1636.	59.26	2.52	53.82	2.52	2.43	.5	3.07
93	5.460	1454.50	3.48	2109.	11156.	2109.	53.50	4.73	44.03	4.73	3.42	.5	4.50
125	7.450	1408.88	3.08	1883.	11664.	1883.	47.59	3.57	39.98	3.57	2.25	.4	3.88
140	8.480	1391.74	3.59	414.	11187.	414.	43.18	.83	41.14	.83	2.93	.5	3.74
164	10.290	1356.15	1.88	0.	1374.	0.	2.58	.00	2.13	.00	.26	.4	1.15

FRDM= .56 IIFR= 1 FRM= .43 IIFM= 138

TT = 9.5200 DTH = .0200 ITERR = 1
QU(1) = 64775.93 YU(1) = 1588.53 QU(N) = 2721.32 YU(N) = 1356.16

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.53	7.93	0.	8164.	0.	64.78	.00	64.43	.00	5.78	.6	6.33
24	1.640	1539.32	4.00	823.	16007.	823.	70.71	1.38	67.59	1.38	4.18	.5	5.32
64	4.730	1468.08	3.57	1664.	13410.	1664.	59.79	2.59	54.17	2.59	2.44	.5	3.08
93	5.460	1454.51	3.49	2130.	11204.	2130.	53.96	4.80	44.31	4.80	3.43	.5	4.51
125	7.450	1408.88	3.09	1892.	11687.	1892.	47.75	3.59	40.11	3.59	2.26	.4	3.88
140	8.480	1391.75	3.60	419.	11241.	419.	43.47	.84	41.40	.84	2.94	.5	3.75
164	10.290	1356.16	1.92	0.	1417.	0.	2.72	.00	2.23	.00	.28	.4	1.16

FRDM= .56 IIFR= 1 FRM= .43 IIFM= 138

TT = 9.5400 DTH = .0200 ITERR = 1
QU(1) = 63920.27 YU(1) = 1588.48 QU(N) = 2887.37 YU(N) = 1356.19

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.48	7.89	0.	8105.	0.	63.92	.00	63.61	.00	5.74	.6	6.28
24	1.640	1539.31	4.00	821.	15995.	821.	70.60	1.37	67.50	1.37	4.18	.5	5.31
64	4.730	1468.09	3.58	1692.	13464.	1692.	60.32	2.66	54.51	2.66	2.45	.5	3.09
93	5.460	1454.52	3.50	2151.	11251.	2151.	54.44	4.86	44.60	4.86	3.43	.5	4.52
125	7.450	1408.88	3.09	1901.	11709.	1901.	47.91	3.61	40.24	3.61	2.26	.4	3.88
140	8.480	1391.76	3.60	424.	11293.	424.	43.74	.86	41.64	.86	2.95	.5	3.76
164	10.290	1356.19	1.97	0.	1467.	0.	2.89	.00	2.34	.00	.30	.4	1.19

FRDM= .56 IIFR= 1 FRM= .43 IIFM= 138

TT = 9.5600 DTH = .0200 ITERR = 1
QU(1) = 63064.60 YU(1) = 1588.44 QU(N) = 3071.39 YU(N) = 1356.21

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.44	7.84	0.	8046.	0.	63.06	.00	62.80	.00	5.69	.6	6.24
24	1.640	1539.31	4.00	818.	15982.	818.	70.49	1.36	67.40	1.36	4.17	.5	5.31
64	4.730	1468.10	3.59	1720.	13518.	1720.	60.86	2.73	54.87	2.73	2.46	.5	3.10
93	5.460	1454.53	3.51	2173.	11300.	2173.	54.92	4.93	44.89	4.93	3.44	.5	4.53
125	7.450	1408.89	3.09	1909.	11732.	1909.	48.07	3.63	40.36	3.63	2.27	.4	3.89
140	8.480	1391.77	3.61	429.	11342.	429.	44.00	.87	41.88	.87	2.96	.5	3.77
164	10.290	1356.21	2.02	0.	1523.	0.	3.07	.00	2.47	.00	.32	.4	1.21

FRDM= .56 IIFR= 1 FRM= .43 IIFM= 139

TT = 9.5800 DTH = .0200 ITERR = 1
QU(1) = 62208.94 YU(1) = 1588.39 QU(N) = 3273.10 YU(N) = 1356.23

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.39	7.79	0.	7986.	0.	62.21	.00	61.98	.00	5.64	.6	6.19
24	1.640	1539.31	4.00	815.	15967.	815.	70.36	1.35	67.28	1.35	4.17	.5	5.31
64	4.730	1468.11	3.60	1748.	13572.	1748.	61.39	2.80	55.22	2.80	2.47	.5	3.11
93	5.460	1454.54	3.52	2194.	11347.	2194.	55.41	5.00	45.20	5.00	3.45	.5	4.54
125	7.450	1408.89	3.09	1918.	11753.	1918.	48.22	3.65	40.48	3.65	2.27	.4	3.89
140	8.480	1391.77	3.61	433.	11389.	433.	44.25	.88	42.11	.88	2.96	.5	3.77
164	10.290	1356.23	2.06	0.	1586.	0.	3.27	.00	2.62	.00	.35	.5	1.23

FRDM= .55 IIFR= 1 FRM= .43 IIFM= 139

TT = 9.6000 DTH = .0200 ITERR = 1
QU(1) = 61353.28 YU(1) = 1588.35 QU(N) = 3491.68 YU(N) = 1356.26

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.35	7.74	0.	7927.	0.	61.35	.00	61.18	.00	5.60	.6	6.15
24	1.640	1539.30	4.00	811.	15947.	811.	70.19	1.34	67.13	1.34	4.17	.5	5.30
64	4.730	1468.12	3.60	1775.	13625.	1775.	61.91	2.88	55.56	2.88	2.48	.5	3.12
93	5.460	1454.54	3.53	2215.	11394.	2215.	55.92	5.07	45.52	5.07	3.46	.5	4.54
125	7.450	1408.90	3.09	1926.	11774.	1926.	48.36	3.67	40.59	3.67	2.27	.4	3.90
140	8.480	1391.78	3.61	437.	11435.	437.	44.49	.89	42.33	.89	2.97	.5	3.78
164	10.290	1356.26	2.11	0.	1655.	0.	3.49	.00	2.78	.00	.37	.5	1.26

FRDM= .55 IIFR= 1 FRM= .43 IIFM= 139

TT = 9.6200 DTH = .0200 ITERR = 1
QU(1) = 60497.62 YU(1) = 1588.30 QU(N) = 3741.22 YU(N) = 1356.29

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.30	7.69	0.	7868.	0.	60.50	.00	60.37	.00	5.55	.6	6.10
24	1.640	1539.30	3.99	806.	15922.	806.	69.97	1.33	66.93	1.33	4.16	.5	5.30
64	4.730	1468.13	3.61	1803.	13677.	1803.	62.43	2.95	55.91	2.95	2.49	.5	3.13
93	5.460	1454.55	3.55	2236.	11441.	2236.	56.43	5.14	45.85	5.14	3.47	.5	4.55
125	7.450	1408.90	3.10	1934.	11794.	1934.	48.50	3.69	40.71	3.69	2.28	.4	3.90
140	8.480	1391.79	3.62	441.	11480.	441.	44.72	.90	42.54	.90	2.98	.5	3.79
164	10.290	1356.29	2.16	0.	1734.	0.	3.74	.00	2.98	.00	.40	.5	1.29

FRDM= .55 IIFR= 1 FRM= .43 IIFM= 139

TT = 9.6400 DTH = .0200 ITERR = 1
QU(1) = 59641.95 YU(1) = 1588.26 QU(N) = 4039.11 YU(N) = 1356.33

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.26	7.64	0.	7807.	0.	59.64	.00	59.57	.00	5.51	.5	6.06
24	1.640	1539.29	3.98	799.	15890.	799.	69.68	1.31	66.67	1.31	4.16	.5	5.29
64	4.730	1468.14	3.62	1830.	13729.	1830.	62.94	3.02	56.24	3.02	2.50	.5	3.14
93	5.460	1454.56	3.56	2258.	11490.	2258.	56.96	5.22	46.18	5.22	3.48	.5	4.56
125	7.450	1408.90	3.10	1942.	11814.	1942.	48.64	3.71	40.81	3.71	2.28	.4	3.90
140	8.480	1391.80	3.62	445.	11522.	445.	44.95	.91	42.75	.91	2.99	.5	3.80

164	10.290	1356.33	2.21	0.	1827.	0.	4.04	.00	3.22	.00	.44	.5	1.33

FROM= .55 IIFR= 1 FRM= .43 IIFM= 139

TT = 9.6600 DTH = .0200 ITERR = 1
QU(1) = 58786.29 YU(1) = 1588.21 QU(N) = 4461.99 YU(N) = 1356.38

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.21	7.59	0.	7745.	0.	58.79	.00	58.78	.00	5.46	.5	6.01
24	1.640	1539.28	3.98	790.	15847.	790.	69.30	1.29	66.34	1.29	4.15	.5	5.28
64	4.730	1468.15	3.63	1856.	13780.	1856.	63.43	3.09	56.57	3.09	2.51	.5	3.15
93	5.460	1454.57	3.57	2281.	11541.	2281.	57.49	5.30	46.52	5.30	3.49	.5	4.57
125	7.450	1408.91	3.10	1950.	11833.	1950.	48.78	3.73	40.92	3.73	2.29	.4	3.91
140	8.480	1391.81	3.62	449.	11563.	449.	45.17	.92	42.95	.92	3.00	.5	3.81
164	10.290	1356.38	2.28	0.	1955.	0.	4.46	.00	3.57	.00	.49	.5	1.38

FROM= .55 IIFR= 1 FRM= .43 IIFM= 139

TT = 9.6800 DTH = .0200 ITERR = 1
QU(1) = 57930.63 YU(1) = 1588.16 QU(N) = 5182.24 YU(N) = 1356.45

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.16	7.54	0.	7679.	0.	57.93	.00	57.89	.00	5.41	.5	5.96
24	1.640	1539.27	3.97	779.	15793.	779.	68.83	1.26	65.92	1.26	4.14	.4	5.27
64	4.730	1468.16	3.63	1882.	13830.	1882.	63.91	3.16	56.89	3.16	2.52	.5	3.16
93	5.460	1454.58	3.58	2304.	11592.	2304.	58.03	5.37	46.86	5.37	3.50	.5	4.58
125	7.450	1408.91	3.10	1957.	11852.	1957.	48.91	3.75	41.03	3.75	2.29	.4	3.91
140	8.480	1391.82	3.63	453.	11604.	453.	45.38	.94	43.15	.94	3.01	.5	3.82
164	10.290	1356.45	2.39	0.	2166.	0.	5.18	.00	4.21	.00	.56	.5	1.45

FROM= .55 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.7000 DTH = .0200 ITERR = 1
QU(1) = 57074.97 YU(1) = 1588.10 QU(N) = 5530.78 YU(N) = 1356.59

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.10	7.50	0.	7610.	0.	57.07	.00	56.99	.00	5.36	.5	5.90
24	1.640	1539.26	3.96	766.	15729.	766.	68.28	1.22	65.44	1.22	4.13	.4	5.26
64	4.730	1468.17	3.54	1907.	13877.	1907.	64.38	3.23	57.20	3.23	2.53	.5	3.17
93	5.460	1454.59	3.59	2327.	11642.	2327.	58.57	5.45	47.20	5.45	3.51	.5	4.59
125	7.450	1408.91	3.10	1965.	11871.	1965.	49.05	3.77	41.14	3.77	2.29	.4	3.91
140	8.480	1391.82	3.63	457.	11643.	457.	45.59	.95	43.35	.95	3.01	.5	3.82
164	10.290	1356.59	2.54	0.	2567.	0.	6.53	.00	5.53	.00	.70	.5	1.59

FROM= .55 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.7200 DTH = .0200 ITERR = 1
QU(1) = 56219.30 YU(1) = 1588.05 QU(N) = 8686.91 YU(N) = 1356.83

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.05	7.45	0.	7542.	0.	56.22	.00	56.10	.00	5.30	.5	5.85
24	1.640	1539.25	3.94	751.	15656.	751.	67.65	1.19	64.89	1.19	4.11	.4	5.25

64	4.730	1468.18	3.64	1931.	13924.	1931.	64.82	3.30	57.50	3.30	2.54	.5	3.18
93	5.460	1454.60	3.61	2350.	11693.	2350.	59.11	5.53	47.55	5.53	3.51	.5	4.60
125	7.450	1408.92	3.11	1973.	11890.	1973.	49.19	3.79	41.25	3.79	2.30	.4	3.92
140	8.480	1391.83	3.63	460.	11681.	460.	45.79	.96	43.53	.96	3.02	.5	3.83
164	10.290	1356.83	2.61	0.	3334.	0.	8.69	.00	8.07	.00	.94	.5	1.83

FRDM= .55 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.7400 DTH = .0200 ITERR = 1
QU(1) = 55363.64 YU(1) = 1588.00 QU(N) = 11181.76 YU(N) = 1357.06

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1588.00	7.41	0.	7473.	0.	55.36	.00	55.21	.00	5.25	.5	5.80
24	1.640	1539.23	3.93	735.	15578.	735.	67.01	1.15	64.33	1.15	4.10	.4	5.23
64	4.730	1468.19	3.65	1954.	13968.	1954.	65.25	3.36	57.78	3.36	2.54	.5	3.19
93	5.460	1454.61	3.62	2373.	11744.	2373.	59.65	5.61	47.90	5.61	3.52	.5	4.51
125	7.450	1408.92	3.11	1981.	11910.	1981.	49.32	3.81	41.36	3.81	2.30	.4	3.92
140	8.480	1391.84	3.64	464.	11719.	464.	45.99	.97	43.72	.97	3.03	.5	3.84
164	10.290	1357.06	2.69	2.	4156.	2.	11.18	.00	10.78	.00	1.17	.5	2.06

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.7600 DTH = .0200 ITERR = 1
QU(1) = 54507.98 YU(1) = 1587.95 QU(N) = 13592.86 YU(N) = 1357.20

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.95	7.36	0.	7404.	0.	54.51	.00	54.33	.00	5.20	.5	5.75
24	1.640	1539.21	3.92	719.	15495.	719.	66.33	1.10	63.74	1.10	4.08	.4	5.21
64	4.730	1468.19	3.65	1976.	14010.	1976.	65.65	3.42	58.05	3.42	2.55	.5	3.19
93	5.460	1454.62	3.63	2397.	11796.	2397.	60.20	5.69	48.25	5.69	3.53	.5	4.52
125	7.450	1408.92	3.11	1988.	11928.	1988.	49.46	3.83	41.48	3.83	2.30	.4	3.92
140	8.480	1391.84	3.64	468.	11756.	468.	46.18	.97	43.90	.97	3.03	.5	3.84
164	10.290	1357.20	2.84	27.	4731.	27.	13.59	.01	12.33	.01	1.31	.5	2.20

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.7800 DTH = .0200 ITERR = 1
QU(1) = 53652.32 YU(1) = 1587.89 QU(N) = 15330.50 YU(N) = 1357.31

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.89	7.31	0.	7336.	0.	53.65	.00	53.46	.00	5.14	.5	5.69
24	1.640	1539.20	3.90	701.	15407.	701.	65.60	1.06	63.10	1.06	4.06	.4	5.20
64	4.730	1468.20	3.66	1997.	14050.	1997.	66.03	3.48	58.30	3.48	2.56	.5	3.20
93	5.460	1454.63	3.64	2421.	11848.	2421.	60.75	5.78	48.60	5.78	3.54	.5	4.63
125	7.450	1408.93	3.11	1996.	11949.	1996.	49.61	3.85	41.59	3.85	2.31	.4	3.93
140	8.480	1391.85	3.64	471.	11792.	471.	46.37	.98	44.08	.98	3.04	.5	3.85
164	10.290	1357.31	2.90	63.	5162.	63.	15.33	.04	13.60	.04	1.42	.5	2.31

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.8000 DTH = .0200 ITERR = 1
QU(1) = 52796.66 YU(1) = 1587.84 QU(N) = 16692.71 YU(N) = 1357.38

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.84	7.27	0.	7266.	0.	52.80	.00	52.58	.00	5.09	.5	5.64
24	1.640	1539.18	3.89	682.	15314.	682.	64.84	1.01	62.45	1.01	4.04	.4	5.18
64	4.730	1468.21	3.66	2016.	14087.	2016.	66.38	3.54	58.54	3.54	2.57	.5	3.21
93	5.460	1454.64	3.65	2444.	11899.	2444.	61.29	5.86	48.95	5.86	3.55	.5	4.54
125	7.450	1408.93	3.11	2005.	11969.	2005.	49.76	3.87	41.72	3.87	2.31	.4	3.93
140	8.480	1391.86	3.64	474.	11826.	474.	46.55	.99	44.25	.99	3.05	.5	3.86
164	10.290	1357.38	2.93	100.	5506.	100.	16.69	.08	14.68	.08	1.50	.5	2.38

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.8200 DTH = .0200 ITERR = 1
QU(1) = 51941.00 YU(1) = 1587.79 QU(N) = 17971.26 YU(N) = 1357.46

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.79	7.22	0.	7197.	0.	51.94	.00	51.71	.00	5.04	.5	5.59
24	1.640	1539.16	3.87	663.	15218.	663.	64.07	.97	61.79	.97	4.03	.4	5.16
64	4.730	1468.21	3.67	2035.	14124.	2035.	66.73	3.59	58.77	3.59	2.57	.5	3.21
93	5.460	1454.65	3.66	2467.	11949.	2467.	61.82	5.94	49.30	5.94	3.56	.5	4.65
125	7.450	1408.93	3.12	2014.	11991.	2014.	49.92	3.89	41.85	3.89	2.31	.4	3.93
140	8.480	1391.86	3.65	478.	11860.	478.	46.73	1.00	44.42	1.00	3.05	.5	3.86
164	10.290	1357.46	2.94	140.	5823.	140.	17.97	.12	15.76	.12	1.57	.5	2.46

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.8400 DTH = .0200 ITERR = 1
QU(1) = 51085.33 YU(1) = 1587.73 QU(N) = 19241.95 YU(N) = 1357.52

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.73	7.17	0.	7128.	0.	51.09	.00	50.85	.00	4.98	.5	5.53
24	1.640	1539.14	3.86	643.	15120.	643.	63.27	.92	61.11	.92	4.01	.4	5.14
64	4.730	1468.22	3.67	2054.	14158.	2054.	67.07	3.64	59.00	3.64	2.58	.5	3.22
93	5.460	1454.65	3.67	2490.	11998.	2490.	62.34	6.02	49.64	6.02	3.57	.5	4.65
125	7.450	1408.94	3.12	2023.	12014.	2023.	50.10	3.92	41.99	3.92	2.32	.4	3.94
140	8.480	1391.87	3.65	481.	11893.	481.	46.90	1.01	44.58	1.01	3.06	.5	3.87
164	10.290	1357.52	2.96	185.	6134.	185.	19.24	.17	16.88	.17	1.63	.5	2.52

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.8600 DTH = .0200 ITERR = 1
QU(1) = 50229.67 YU(1) = 1587.68 QU(N) = 20598.10 YU(N) = 1357.59

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.68	7.11	0.	7060.	0.	50.23	.00	50.00	.00	4.93	.5	5.48
24	1.640	1539.12	3.84	623.	15021.	623.	62.47	.88	60.42	.88	3.99	.4	5.12
64	4.730	1468.23	3.68	2072.	14193.	2072.	67.40	3.69	59.22	3.69	2.58	.5	3.23
93	5.460	1454.66	3.68	2513.	12047.	2513.	62.85	6.10	49.97	6.10	3.58	.5	4.66
125	7.450	1408.94	3.12	2033.	12039.	2033.	50.28	3.95	42.14	3.95	2.32	.4	3.94
140	8.480	1391.88	3.65	484.	11925.	484.	47.07	1.02	44.74	1.02	3.07	.5	3.88
164	10.290	1357.59	2.97	237.	6461.	237.	20.60	.24	18.13	.24	1.70	.5	2.59

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.8800 DTH = .0200 ITERR = 1
QU(1) = 49374.01 YU(1) = 1587.63 QU(N) = 22180.10 YU(N) = 1357.67

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.63	7.06	0.	6990.	0.	49.37	.00	49.14	.00	4.88	.5	5.43
24	1.640	1539.10	3.82	603.	14920.	603.	61.66	.83	59.74	.83	3.97	.4	5.10
64	4.730	1468.23	3.68	2088.	14224.	2088.	67.70	3.74	59.43	3.74	2.59	.5	3.23
93	5.460	1454.67	3.69	2535.	12094.	2535.	63.35	6.18	50.30	6.18	3.59	.5	4.67
125	7.450	1408.95	3.12	2044.	12065.	2044.	50.48	3.97	42.30	3.97	2.33	.4	3.95
140	8.480	1391.88	3.65	487.	11957.	487.	47.23	1.03	44.90	1.03	3.07	.5	3.88
164	10.290	1357.67	2.98	303.	6832.	303.	22.18	.34	19.65	.34	1.78	.5	2.67

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.9000 DTH = .0200 ITERR = 1
QU(1) = 48518.35 YU(1) = 1587.57 QU(N) = 24166.93 YU(N) = 1357.76

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.57	7.01	0.	6921.	0.	48.52	.00	48.30	.00	4.82	.5	5.37
24	1.640	1539.08	3.81	583.	14820.	583.	60.88	.79	59.08	.79	3.95	.4	5.08
64	4.730	1468.24	3.68	2103.	14254.	2103.	67.97	3.79	59.61	3.79	2.60	.5	3.24
93	5.460	1454.68	3.70	2557.	12140.	2557.	63.84	6.25	50.62	6.25	3.60	.5	4.68
125	7.450	1408.95	3.13	2056.	12094.	2056.	50.69	4.00	42.47	4.00	2.33	.4	3.95
140	8.480	1391.89	3.65	490.	11989.	490.	47.40	1.04	45.05	1.04	3.08	.5	3.89
164	10.290	1357.76	3.00	390.	7283.	390.	24.17	.48	21.64	.48	1.87	.5	2.75

FRDM= .54 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.9200 DTH = .0200 ITERR = 1
QU(1) = 47662.68 YU(1) = 1587.52 QU(N) = 26738.20 YU(N) = 1357.88

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.52	6.96	0.	6851.	0.	47.66	.00	47.46	.00	4.77	.5	5.32
24	1.640	1539.06	3.79	563.	14721.	563.	60.09	.75	58.42	.75	3.93	.4	5.06
64	4.730	1468.24	3.68	2117.	14281.	2117.	68.23	3.83	59.78	3.83	2.60	.5	3.24
93	5.460	1454.69	3.71	2578.	12185.	2578.	64.31	6.33	50.92	6.33	3.60	.5	4.69
125	7.450	1408.96	3.13	2068.	12124.	2068.	50.92	4.04	42.66	4.04	2.34	.4	3.96
140	8.480	1391.89	3.66	493.	12022.	493.	47.58	1.05	45.23	1.05	3.08	.5	3.89
164	10.290	1357.88	2.98	527.	7922.	527.	26.74	.72	24.38	.72	1.99	.5	2.88

FRDM= .53 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.9400 DTH = .0200 ITERR = 1
QU(1) = 46807.02 YU(1) = 1587.47 QU(N) = 29522.10 YU(N) = 1358.02

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1587.47	6.90	0.	6781.	0.	46.81	.00	46.62	.00	4.72	.5	5.27
24	1.640	1539.04	3.77	544.	14623.	544.	59.29	.71	57.75	.71	3.91	.4	5.04
64	4.730	1468.25	3.69	2131.	14306.	2131.	68.46	3.87	59.94	3.87	2.61	.5	3.25
93	5.460	1454.70	3.72	2598.	12228.	2598.	64.76	6.40	51.22	6.40	3.61	.5	4.70
125	7.450	1408.96	3.14	2082.	12157.	2082.	51.17	4.07	42.86	4.07	2.34	.4	3.96
140	8.480	1391.90	3.66	497.	12059.	497.	47.79	1.06	45.43	1.06	3.09	.5	3.90

164	10.290	1358.02	2.94	696.	8637.	696.	29.52	1.04	27.36	1.04	2.13	.5	3.02

FRDM= .53 IIFR= 1 FRM= .43 IIFM= 62

TT = 9.9600 DTH = .0200 ITERR = 1
QU(1) = 45951.36 YU(1) = 1587.41 QU(N) = 32698.56 YU(N) = 1358.11

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.41	6.85	0.	6712.	0.	45.95	.00	45.79	.00	4.66	.5	5.21
24	1.640	1539.02	3.76	524.	14523.	524.	58.48	.66	57.08	.66	3.89	.4	5.02
64	4.730	1468.25	3.69	2143.	14330.	2143.	68.69	3.90	60.09	3.90	2.61	.5	3.25
93	5.460	1454.70	3.72	2617.	12269.	2617.	65.19	6.47	51.50	6.47	3.62	.5	4.70
125	7.450	1408.97	3.14	2097.	12193.	2097.	51.44	4.11	43.08	4.11	2.35	.4	3.97
140	8.480	1391.91	3.66	500.	12098.	500.	48.00	1.07	45.63	1.07	3.10	.5	3.91
164	10.290	1358.11	3.02	834.	9164.	834.	32.70	1.30	29.64	1.30	2.22	.5	3.11

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 9.9800 DTH = .0200 ITERR = 0
QU(1) = 45095.70 YU(1) = 1587.36 QU(N) = 35014.78 YU(N) = 1358.18

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.36	6.79	0.	6642.	0.	45.10	.00	44.97	.00	4.61	.5	5.16
24	1.640	1539.00	3.74	504.	14419.	504.	57.69	.62	56.43	.62	3.87	.4	5.00
64	4.730	1468.26	3.69	2155.	14353.	2155.	68.90	3.94	60.24	3.94	2.61	.5	3.26
93	5.460	1454.71	3.73	2636.	12308.	2636.	65.60	6.53	51.77	6.53	3.63	.5	4.71
125	7.450	1408.98	3.14	2113.	12231.	2113.	51.73	4.15	43.32	4.15	2.36	.4	3.98
140	8.480	1391.92	3.67	504.	12138.	504.	48.22	1.08	45.84	1.08	3.11	.5	3.92
164	10.290	1358.18	3.07	937.	9532.	937.	35.01	1.50	31.39	1.50	2.29	.5	3.18

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.0000 DTH = .0200 ITERR = 0
QU(1) = 44240.04 YU(1) = 1587.31 QU(N) = 36634.46 YU(N) = 1358.23

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.31	6.73	0.	6572.	0.	44.24	.00	44.15	.00	4.56	.5	5.11
24	1.640	1538.98	3.73	482.	14309.	482.	56.94	.59	55.71	.59	3.85	.4	4.98
64	4.730	1468.26	3.69	2166.	14374.	2166.	69.11	3.97	60.38	3.97	2.62	.5	3.26
93	5.460	1454.72	3.74	2654.	12346.	2654.	65.99	6.60	52.03	6.60	3.63	.5	4.72
125	7.450	1408.99	3.15	2130.	12273.	2130.	52.04	4.20	43.57	4.20	2.37	.4	3.99
140	8.480	1391.92	3.67	508.	12178.	508.	48.43	1.09	46.04	1.09	3.11	.5	3.92
164	10.290	1358.23	3.09	1019.	9807.	1019.	36.63	1.67	32.64	1.67	2.34	.5	3.23

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.0200 DTH = .0200 ITERR = 0
QU(1) = 43384.38 YU(1) = 1587.25 QU(N) = 37995.44 YU(N) = 1358.27

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.25	6.67	0.	6502.	0.	43.38	.00	43.34	.00	4.50	.5	5.05
24	1.640	1538.96	3.72	461.	14196.	461.	56.19	.55	54.97	.55	3.82	.4	4.96

64	4.730	1468.26	3.70	2177.	14394.	2177.	69.29	4.00	60.50	4.00	2.62	.5	3.26
93	5.460	1454.72	3.74	2670.	12381.	2670.	66.36	6.66	52.28	6.66	3.64	.5	4.72
125	7.450	1408.99	3.15	2149.	12318.	2149.	52.38	4.25	43.85	4.25	2.37	.4	3.99
140	8.480	1391.93	3.67	512.	12215.	512.	48.62	1.10	46.23	1.10	3.12	.5	3.93
164	10.290	1358.27	3.11	1086.	10026.	1086.	38.00	1.81	33.72	1.81	2.38	.5	3.27

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.0400 DTH = .0200 ITERR = 0
QU(1) = 42528.71 YU(1) = 1587.20 QU(N) = 39118.70 YU(N) = 1358.30

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.20	6.61	0.	6430.	0.	42.53	.00	42.53	.00	4.45	.5	5.00
24	1.640	1538.94	3.71	439.	14081.	439.	55.43	.52	54.22	.52	3.80	.4	4.94
64	4.730	1468.27	3.70	2187.	14414.	2187.	69.48	4.03	60.63	4.03	2.62	.5	3.27
93	5.460	1454.73	3.75	2687.	12416.	2687.	66.72	6.71	52.52	6.71	3.65	.5	4.73
125	7.450	1409.00	3.16	2169.	12366.	2169.	52.75	4.30	44.13	4.30	2.38	.4	4.00
140	8.480	1391.94	3.67	516.	12252.	516.	48.80	1.11	46.41	1.11	3.13	.5	3.94
164	10.290	1358.30	3.13	1144.	10210.	1144.	39.12	1.93	34.63	1.93	2.41	.5	3.30

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.0600 DTH = .0200 ITERR = 0
QU(1) = 41673.05 YU(1) = 1587.14 QU(N) = 40100.45 YU(N) = 1358.33

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.14	6.56	0.	6351.	0.	41.67	.00	41.61	.00	4.39	.5	4.94
24	1.640	1538.91	3.69	419.	13966.	419.	54.67	.49	53.48	.49	3.78	.4	4.91
64	4.730	1468.27	3.70	2196.	14431.	2196.	69.65	4.06	60.74	4.06	2.63	.5	3.27
93	5.460	1454.74	3.76	2702.	12448.	2702.	67.05	6.77	52.74	6.77	3.65	.5	4.74
125	7.450	1409.01	3.17	2189.	12413.	2189.	53.20	4.36	44.42	4.36	2.39	.4	4.01
140	8.480	1391.94	3.68	519.	12286.	519.	48.98	1.12	46.58	1.12	3.13	.5	3.94
164	10.290	1358.33	3.14	1194.	10366.	1194.	40.10	2.04	35.43	2.04	2.44	.5	3.33

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.0800 DTH = .0200 ITERR = 0
QU(1) = 40817.39 YU(1) = 1587.07 QU(N) = 40953.88 YU(N) = 1358.35

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.07	6.51	0.	6271.	0.	40.82	.00	40.71	.00	4.32	.5	4.87
24	1.640	1538.89	3.68	398.	13852.	398.	53.92	.45	52.75	.45	3.76	.4	4.89
64	4.730	1468.27	3.70	2205.	14448.	2205.	69.80	4.08	60.85	4.08	2.63	.5	3.27
93	5.460	1454.74	3.76	2717.	12479.	2717.	67.37	6.82	52.95	6.82	3.66	.5	4.74
125	7.450	1409.02	3.18	2210.	12461.	2210.	53.62	4.41	44.70	4.41	2.40	.4	4.02
140	8.480	1391.95	3.68	522.	12321.	522.	49.16	1.13	46.76	1.13	3.14	.5	3.95
164	10.290	1358.35	3.15	1239.	10502.	1239.	40.95	2.14	36.14	2.14	2.47	.5	3.35

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.1000 DTH = .0200 ITERR = 0
QU(1) = 39961.73 YU(1) = 1587.01 QU(N) = 41703.22 YU(N) = 1358.38

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1587.01	6.46	0.	6190.	0.	39.96	.00	39.81	.00	4.26	.5	4.81
24	1.640	1538.87	3.67	378.	13736.	378.	53.16	.42	52.01	.42	3.73	.4	4.87
64	4.730	1468.28	3.70	2213.	14464.	2213.	69.95	4.11	60.95	4.11	2.63	.5	3.28
93	5.460	1454.75	3.77	2731.	12508.	2731.	67.67	6.87	53.15	6.87	3.66	.5	4.75
125	7.450	1409.03	3.19	2231.	12510.	2231.	54.08	4.46	45.01	4.46	2.41	.4	4.03
140	8.480	1391.96	3.68	526.	12355.	526.	49.34	1.14	46.93	1.14	3.15	.5	3.96
164	10.290	1358.38	3.16	1279.	10621.	1279.	41.70	2.23	36.76	2.23	2.49	.5	3.33

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.1200 DTH = .0200 ITERR = 0
QU(1) = 39106.06 YU(1) = 1586.95 QU(N) = 42366.68 YU(N) = 1358.40

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1586.95	6.40	0.	6109.	0.	39.11	.00	38.92	.00	4.20	.5	4.75
24	1.640	1538.85	3.65	359.	13620.	359.	52.39	.40	51.27	.40	3.71	.4	4.85
64	4.730	1468.28	3.70	2221.	14478.	2221.	70.08	4.13	61.04	4.13	2.64	.5	3.28
93	5.460	1454.75	3.77	2744.	12534.	2744.	67.95	6.92	53.34	6.92	3.67	.5	4.75
125	7.450	1409.04	3.20	2253.	12561.	2253.	54.56	4.52	45.32	4.52	2.42	.4	4.04
140	8.480	1391.96	3.68	529.	12391.	529.	49.52	1.15	47.11	1.15	3.15	.5	3.96
164	10.290	1358.40	3.17	1315.	10726.	1315.	42.37	2.31	37.32	2.31	2.51	.5	3.40

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.1400 DTH = .0200 ITERR = 0
QU(1) = 38250.40 YU(1) = 1586.89 QU(N) = 42945.35 YU(N) = 1358.41

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1586.89	6.35	0.	6028.	0.	38.25	.00	38.04	.00	4.14	.5	4.69
24	1.640	1538.82	3.64	339.	13501.	339.	51.60	.37	50.51	.37	3.69	.4	4.82
64	4.730	1468.28	3.71	2228.	14492.	2228.	70.20	4.15	61.12	4.15	2.64	.5	3.28
93	5.460	1454.76	3.77	2756.	12560.	2756.	68.21	6.96	53.51	6.96	3.67	.5	4.76
125	7.450	1409.05	3.21	2276.	12615.	2276.	55.06	4.59	45.65	4.59	2.43	.4	4.05
140	8.480	1391.97	3.68	533.	12427.	533.	49.71	1.16	47.30	1.16	3.16	.5	3.97
164	10.290	1358.41	3.18	1347.	10819.	1347.	42.95	2.38	37.81	2.38	2.52	.5	3.41

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.1600 DTH = .0200 ITERR = 0
QU(1) = 37394.74 YU(1) = 1586.82 QU(N) = 43467.59 YU(N) = 1358.43

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1586.82	6.29	0.	5947.	0.	37.39	.00	37.16	.00	4.08	.5	4.62
24	1.640	1538.80	3.62	320.	13379.	320.	50.80	.34	49.74	.34	3.66	.4	4.80
64	4.730	1468.28	3.71	2234.	14503.	2234.	70.31	4.17	61.20	4.17	2.64	.5	3.28
93	5.460	1454.76	3.78	2767.	12583.	2767.	68.46	7.00	53.68	7.00	3.68	.5	4.76
125	7.450	1409.06	3.22	2300.	12671.	2300.	55.58	4.65	46.00	4.65	2.44	.4	4.06
140	8.480	1391.98	3.69	536.	12464.	536.	49.91	1.17	47.50	1.17	3.17	.5	3.98
164	10.290	1358.43	3.18	1375.	10901.	1375.	43.47	2.44	38.25	2.44	2.54	.5	3.43

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.1800 DTH = .0200 ITERR = 0
QU(1) = 36539.07 YU(1) = 1586.76 QU(N) = 43914.24 YU(N) = 1358.44

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.76	6.23	0.	5866.	0.	36.54	.00	36.29	.00	4.01	.5	4.56
24	1.640	1538.78	3.61	301.	13255.	301.	49.98	.31	48.96	.31	3.64	.4	4.78
64	4.730	1468.28	3.71	2239.	14513.	2239.	70.40	4.19	61.26	4.19	2.64	.5	3.28
93	5.460	1454.76	3.78	2778.	12606.	2778.	68.69	7.04	53.33	7.04	3.68	.5	4.76
125	7.450	1409.07	3.23	2326.	12729.	2326.	56.12	4.72	46.36	4.72	2.45	.4	4.07
140	8.480	1391.98	3.69	540.	12503.	540.	50.12	1.18	47.70	1.18	3.17	.5	3.98
164	10.290	1358.44	3.19	1401.	10974.	1401.	43.91	2.50	38.64	2.50	2.55	.5	3.44

FRDM= .53 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.2000 DTH = .0200 ITERR = 0
QU(1) = 35683.41 YU(1) = 1586.70 QU(N) = 44320.11 YU(N) = 1358.45

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.70	6.17	0.	5784.	0.	35.68	.00	35.44	.00	3.95	.5	4.50
24	1.640	1538.75	3.59	282.	13129.	282.	49.15	.29	48.18	.29	3.62	.4	4.75
64	4.730	1468.29	3.71	2244.	14522.	2244.	70.47	4.20	61.31	4.20	2.64	.5	3.29
93	5.460	1454.77	3.79	2788.	12627.	2788.	68.91	7.08	53.98	7.08	3.68	.5	4.77
125	7.450	1409.08	3.24	2352.	12789.	2352.	56.68	4.79	46.73	4.79	2.46	.4	4.08
140	8.480	1391.99	3.69	544.	12544.	544.	50.34	1.19	47.92	1.19	3.18	.5	3.99
164	10.290	1358.45	3.19	1424.	11038.	1424.	44.32	2.55	38.99	2.55	2.56	.5	3.45

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.2200 DTH = .0200 ITERR = 0
QU(1) = 34827.75 YU(1) = 1586.64 QU(N) = 44677.33 YU(N) = 1358.46

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.64	6.11	0.	5703.	0.	34.83	.00	34.58	.00	3.89	.5	4.44
24	1.640	1538.73	3.57	263.	13001.	263.	48.30	.26	47.39	.26	3.59	.4	4.73
64	4.730	1468.29	3.71	2247.	14528.	2247.	70.53	4.21	61.34	4.21	2.65	.5	3.29
93	5.460	1454.77	3.79	2798.	12647.	2798.	69.11	7.11	54.12	7.11	3.69	.5	4.77
125	7.450	1409.09	3.25	2379.	12850.	2379.	57.24	4.87	47.11	4.87	2.47	.4	4.09
140	8.480	1392.00	3.70	549.	12588.	549.	50.58	1.21	48.16	1.21	3.19	.5	4.00
164	10.290	1358.46	3.19	1444.	11095.	1444.	44.68	2.60	39.29	2.60	2.57	.5	3.46

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.2400 DTH = .0200 ITERR = 0
QU(1) = 33972.09 YU(1) = 1586.57 QU(N) = 44991.28 YU(N) = 1358.47

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.57	6.04	0.	5622.	0.	33.97	.00	33.74	.00	3.83	.5	4.37
24	1.640	1538.70	3.55	247.	12882.	247.	47.54	.24	46.69	.24	3.57	.4	4.70
64	4.730	1468.29	3.71	2250.	14534.	2250.	70.57	4.22	61.37	4.22	2.65	.5	3.29
93	5.460	1454.78	3.79	2806.	12665.	2806.	69.30	7.14	54.24	7.14	3.69	.5	4.78
125	7.450	1409.10	3.26	2408.	12913.	2408.	57.83	4.94	47.51	4.94	2.48	.4	4.10
140	8.480	1392.01	3.70	553.	12633.	553.	50.86	1.18	48.40	1.18	3.20	.5	4.01

164	10.290	1358.47	3.20	1463.	11146.	1463.	44.99	2.64	39.57	2.64	2.58	.5	3.47

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.2600 DTH = .0200 ITERR = 0
QU(1) = 33116.43 YU(1) = 1586.51 QU(N) = 45279.87 YU(N) = 1358.48

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.51	5.98	0.	5541.	0.	33.12	.00	32.90	.00	3.76	.5	4.31
24	1.640	1538.68	3.53	230.	12758.	230.	46.72	.22	45.92	.22	3.54	.4	4.68
64	4.730	1468.29	3.71	2251.	14536.	2251.	70.59	4.22	61.38	4.22	2.65	.5	3.29
93	5.460	1454.78	3.79	2814.	12681.	2814.	69.47	7.17	54.36	7.17	3.69	.5	4.78
125	7.450	1409.11	3.27	2436.	12977.	2436.	58.41	5.02	47.90	5.02	2.49	.4	4.11
140	8.480	1392.01	3.71	558.	12677.	558.	51.16	1.13	48.66	1.13	3.20	.5	4.01
164	10.290	1358.48	3.20	1480.	11194.	1480.	45.28	2.68	39.82	2.68	2.59	.5	3.48

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.2800 DTH = .0200 ITERR = 0
QU(1) = 32260.77 YU(1) = 1586.45 QU(N) = 45537.69 YU(N) = 1358.49

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.45	5.91	0.	5459.	0.	32.26	.00	32.07	.00	3.70	.5	4.25
24	1.640	1538.65	3.51	213.	12629.	213.	45.86	.20	45.14	.20	3.52	.4	4.55
64	4.730	1468.29	3.71	2252.	14539.	2252.	70.59	4.22	61.38	4.22	2.65	.5	3.29
93	5.460	1454.78	3.80	2822.	12698.	2822.	69.64	7.20	54.47	7.20	3.70	.5	4.73
125	7.450	1409.13	3.28	2466.	13042.	2466.	59.02	5.10	48.31	5.10	2.51	.4	4.13
140	8.480	1392.02	3.72	564.	12722.	564.	51.46	1.10	48.92	1.10	3.21	.5	4.02
164	10.290	1358.49	3.20	1496.	11238.	1496.	45.54	2.72	40.04	2.72	2.60	.5	3.49

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.3000 DTH = .0200 ITERR = 0
QU(1) = 31405.11 YU(1) = 1586.39 QU(N) = 45763.32 YU(N) = 1358.50

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.39	5.84	0.	5378.	0.	31.41	.00	31.25	.00	3.64	.5	4.19
24	1.640	1538.63	3.49	197.	12497.	197.	44.99	.18	44.35	.18	3.49	.4	4.53
64	4.730	1468.29	3.71	2252.	14538.	2252.	70.58	4.22	61.37	4.22	2.65	.5	3.29
93	5.460	1454.78	3.80	2829.	12712.	2829.	69.79	7.23	54.57	7.23	3.70	.5	4.78
125	7.450	1409.14	3.29	2496.	13110.	2496.	59.65	5.18	48.74	5.18	2.52	.4	4.14
140	8.480	1392.03	3.72	569.	12765.	569.	51.79	1.07	49.20	1.07	3.22	.5	4.03
164	10.290	1358.50	3.20	1510.	11277.	1510.	45.76	2.75	40.24	2.75	2.61	.5	3.50

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.3200 DTH = .0200 ITERR = 0
QU(1) = 30549.44 YU(1) = 1586.32 QU(N) = 45976.58 YU(N) = 1358.50

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.32	5.77	0.	5296.	0.	30.55	.00	30.44	.00	3.57	.5	4.12
24	1.640	1538.60	3.47	181.	12369.	181.	44.16	.16	43.59	.16	3.47	.4	4.60

64	4.730	1468.29	3.71	2251.	14535.	2251.	70.54	4.22	61.34	4.22	2.65	.5	3.29
93	5.460	1454.79	3.80	2836.	12726.	2836.	69.93	7.25	54.67	7.25	3.70	.5	4.79
125	7.450	1409.15	3.30	2526.	13175.	2526.	60.23	5.27	49.14	5.27	2.53	.4	4.15
140	8.480	1392.04	3.73	575.	12808.	575.	52.13	1.05	49.51	1.05	3.23	.5	4.04
164	10.290	1358.50	3.20	1523.	11313.	1523.	45.98	2.78	40.40	2.78	2.61	.5	3.50

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.3400 DTH = .0200 ITERR = 0
QU(1) = 29693.78 YU(1) = 1586.26 QU(N) = 45219.64 YU(N) = 1358.51

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.26	5.69	0.	5214.	0.	29.69	.00	29.64	.00	3.51	.5	4.06
24	1.640	1538.58	3.45	168.	12256.	168.	43.46	.14	42.96	.14	3.44	.4	4.58
64	4.730	1468.29	3.70	2248.	14530.	2248.	70.48	4.21	61.30	4.21	2.65	.5	3.29
93	5.460	1454.79	3.80	2842.	12739.	2842.	70.05	7.27	54.75	7.27	3.70	.5	4.79
125	7.450	1409.16	3.31	2555.	13238.	2555.	60.79	5.34	49.52	5.34	2.54	.4	4.16
140	8.480	1392.05	3.74	581.	12854.	581.	52.49	1.03	49.82	1.03	3.24	.5	4.05
164	10.290	1358.51	3.21	1534.	11341.	1534.	46.22	2.81	40.57	2.81	2.62	.5	3.51

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 62

TT = 10.3600 DTH = .0200 ITERR = 0
QU(1) = 28838.12 YU(1) = 1586.20 QU(N) = 45410.46 YU(N) = 1358.51

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.20	5.62	0.	5132.	0.	28.84	.00	28.84	.00	3.45	.5	4.00
24	1.640	1538.56	3.44	157.	12156.	157.	42.84	.13	42.41	.13	3.42	.4	4.56
64	4.730	1468.29	3.70	2244.	14523.	2244.	70.39	4.20	61.23	4.20	2.64	.5	3.29
93	5.460	1454.79	3.80	2847.	12749.	2847.	70.16	7.29	54.82	7.29	3.71	.5	4.79
125	7.450	1409.17	3.32	2583.	13299.	2583.	61.34	5.42	49.89	5.42	2.55	.4	4.17
140	8.480	1392.05	3.75	589.	12902.	589.	52.86	1.01	50.14	1.01	3.24	.5	4.05
164	10.290	1358.51	3.21	1543.	11366.	1543.	46.41	2.83	40.69	2.83	2.62	.5	3.51

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 24

TT = 10.3800 DTH = .0200 ITERR = 0
QU(1) = 27982.46 YU(1) = 1586.13 QU(N) = 46599.77 YU(N) = 1358.52

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.13	5.55	0.	5040.	0.	27.98	.00	27.91	.00	3.38	.5	3.93
24	1.640	1538.54	3.42	146.	12058.	146.	42.20	.12	41.84	.12	3.41	.4	4.54
64	4.730	1468.28	3.70	2239.	14513.	2239.	70.29	4.18	61.16	4.18	2.64	.5	3.28
93	5.460	1454.79	3.81	2852.	12759.	2852.	70.26	7.31	54.89	7.31	3.71	.5	4.79
125	7.450	1409.18	3.33	2611.	13358.	2611.	61.88	5.50	50.26	5.50	2.56	.4	4.18
140	8.480	1392.06	3.76	597.	12952.	597.	53.24	.99	50.48	.99	3.25	.5	4.06
164	10.290	1358.52	3.22	1552.	11389.	1552.	46.60	2.85	40.82	2.85	2.63	.5	3.52

FRDM= .54 IIFR= 124 FRM= .43 IIFM= 24

TT = 10.4000 DTH = .0200 ITERR = 0
QU(1) = 27126.79 YU(1) = 1586.05 QU(N) = 46782.16 YU(N) = 1358.52

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1586.05	5.49	0.	4941.	0.	27.13	.00	26.99	.00	3.30	.5	3.85
24	1.640	1538.52	3.40	136.	11961.	136.	41.54	.11	41.26	.11	3.39	.4	4.52
64	4.730	1468.28	3.70	2232.	14500.	2232.	70.14	4.16	61.06	4.16	2.64	.5	3.28
93	5.460	1454.79	3.81	2855.	12766.	2855.	70.34	7.32	54.94	7.32	3.71	.5	4.79
125	7.450	1409.19	3.34	2638.	13416.	2638.	62.39	5.57	50.61	5.57	2.57	.4	4.19
140	8.480	1392.07	3.77	606.	13004.	606.	53.64	.98	50.83	.98	3.26	.5	4.07
164	10.290	1358.52	3.22	1560.	11410.	1560.	46.78	2.87	40.95	2.87	2.63	.5	3.52

FRDM= .54 IIFR= 124 FRM= .42 IIFM= 24

TT = 10.4200 DTH = .0200 ITERR = 0
QU(1) = 26271.13 YU(1) = 1585.98 QU(N) = 46963.10 YU(N) = 1358.52

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.98	5.42	0.	4843.	0.	26.27	.00	26.09	.00	3.23	.5	3.78
24	1.640	1538.50	3.38	125.	11854.	125.	40.86	.10	40.67	.10	3.37	.4	4.50
64	4.730	1468.28	3.70	2224.	14485.	2224.	69.98	4.13	60.94	4.13	2.64	.5	3.28
93	5.460	1454.80	3.81	2859.	12773.	2859.	70.40	7.33	54.98	7.33	3.71	.5	4.80
125	7.450	1409.20	3.35	2665.	13473.	2665.	62.90	5.64	50.96	5.64	2.58	.4	4.20
140	8.480	1392.08	3.78	615.	13057.	615.	54.06	.97	51.20	.97	3.27	.5	4.08
164	10.290	1358.52	3.22	1567.	11431.	1567.	46.96	2.88	41.07	2.88	2.63	.5	3.52

FRDM= .54 IIFR= 124 FRM= .42 IIFM= 24

TT = 10.4400 DTH = .0200 ITERR = 0
QU(1) = 25415.47 YU(1) = 1585.90 QU(N) = 47142.63 YU(N) = 1358.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.90	5.36	0.	4745.	0.	25.42	.00	25.19	.00	3.16	.5	3.70
24	1.640	1538.48	3.36	114.	11735.	114.	40.19	.09	39.96	.09	3.34	.4	4.48
64	4.730	1468.28	3.69	2215.	14467.	2215.	69.79	4.10	60.80	4.10	2.63	.5	3.28
93	5.460	1454.80	3.81	2861.	12777.	2861.	70.45	7.34	55.01	7.34	3.71	.5	4.80
125	7.450	1409.21	3.35	2690.	13527.	2690.	63.39	5.72	51.30	5.72	2.59	.4	4.21
140	8.480	1392.09	3.79	626.	13112.	626.	54.49	.96	51.58	.96	3.28	.5	4.09
164	10.290	1358.53	3.23	1575.	11452.	1575.	47.14	2.90	41.19	2.90	2.64	.5	3.53

FRDM= .54 IIFR= 124 FRM= .42 IIFM= 24

TT = 10.4600 DTH = .0200 ITERR = 0
QU(1) = 24559.81 YU(1) = 1585.82 QU(N) = 47322.93 YU(N) = 1358.53

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.82	5.29	0.	4646.	0.	24.56	.00	24.31	.00	3.07	.5	3.62
24	1.640	1538.45	3.34	102.	11605.	102.	39.47	.07	39.20	.07	3.32	.4	4.45
64	4.730	1468.27	3.69	2203.	14445.	2203.	69.56	4.07	60.65	4.07	2.63	.5	3.27
93	5.460	1454.80	3.81	2863.	12781.	2863.	70.47	7.35	55.03	7.35	3.71	.5	4.80
125	7.450	1409.22	3.36	2717.	13582.	2717.	63.89	5.79	51.65	5.79	2.60	.4	4.22
140	8.480	1392.10	3.80	637.	13170.	637.	54.93	.96	51.97	.96	3.29	.5	4.10
164	10.290	1358.53	3.23	1583.	11473.	1583.	47.32	2.92	41.32	2.92	2.64	.5	3.53

FRDM= .54 IIFR= 124 FRM= .42 IIFM= 24

TT = 10.4801 DTH = .0200 ITERR = 0
QU(1) = 23704.15 YU(1) = 1585.75 QU(N) = 47498.49 YU(N) = 1358.54

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.75	5.21	0.	4547.	0.	23.70	.00	23.44	.00	3.00	.5	3.55
24	1.640	1538.42	3.32	90.	11466.	90.	38.70	.06	38.39	.06	3.29	.4	4.42
64	4.730	1468.27	3.69	2191.	14421.	2191.	69.31	4.03	60.47	4.03	2.63	.5	3.27
93	5.460	1454.80	3.81	2863.	12782.	2863.	70.48	7.35	55.03	7.35	3.71	.5	4.80
125	7.450	1409.23	3.37	2743.	13636.	2743.	64.38	5.86	51.98	5.86	2.61	.4	4.23
140	8.480	1392.11	3.81	650.	13228.	650.	55.38	.95	52.38	.95	3.30	.5	4.11
164	10.290	1358.54	3.24	1591.	11493.	1591.	47.50	2.94	41.44	2.94	2.65	.5	3.54

FROM= .54 IIFR= 124 FRM= .42 IIFM= 24

TT = 10.5001 DTH = .0200 ITERR = 0
QU(1) = 22848.48 YU(1) = 1585.67 QU(N) = 47673.63 YU(N) = 1358.54

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.67	5.14	0.	4447.	0.	22.85	.00	22.58	.00	2.92	.5	3.47
24	1.640	1538.40	3.30	78.	11320.	78.	37.89	.05	37.56	.05	3.26	.4	4.40
64	4.730	1468.26	3.68	2176.	14393.	2176.	69.02	3.98	60.27	3.98	2.62	.5	3.26
93	5.460	1454.80	3.81	2863.	12782.	2863.	70.47	7.35	55.02	7.35	3.71	.5	4.80
125	7.450	1409.24	3.37	2767.	13687.	2767.	64.83	5.93	52.30	5.93	2.62	.4	4.24
140	8.480	1392.13	3.82	663.	13288.	663.	55.85	.96	52.79	.96	3.32	.5	4.13
164	10.290	1358.54	3.24	1598.	11513.	1598.	47.67	2.96	41.56	2.96	2.65	.5	3.54

FROM= .54 IIFR= 124 FRM= .42 IIFM= 24

TT = 10.5201 DTH = .0200 ITERR = 0
QU(1) = 21992.82 YU(1) = 1585.59 QU(N) = 47852.35 YU(N) = 1358.54

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.59	5.06	0.	4348.	0.	21.99	.00	21.74	.00	2.85	.5	3.39
24	1.640	1538.37	3.28	67.	11168.	67.	37.07	.04	36.72	.04	3.23	.4	4.37
64	4.730	1468.26	3.68	2161.	14363.	2161.	68.71	3.94	60.05	3.94	2.62	.5	3.26
93	5.460	1454.80	3.81	2862.	12780.	2862.	70.43	7.34	55.00	7.34	3.71	.5	4.80
125	7.450	1409.25	3.38	2790.	13736.	2790.	65.26	5.99	52.60	5.99	2.63	.4	4.25
140	8.480	1392.14	3.83	677.	13349.	677.	56.32	.96	53.22	.96	3.33	.5	4.14
164	10.290	1358.54	3.25	1606.	11533.	1606.	47.85	2.98	41.68	2.98	2.65	.5	3.54

FROM= .54 IIFR= 124 FRM= .42 IIFM= 24

TT = 10.5401 DTH = .0200 ITERR = 0
QU(1) = 21137.16 YU(1) = 1585.52 QU(N) = 48027.10 YU(N) = 1358.55

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.52	4.97	0.	4250.	0.	21.14	.00	20.90	.00	2.77	.5	3.32
24	1.640	1538.34	3.26	56.	11013.	56.	36.23	.03	35.86	.03	3.20	.4	4.34
64	4.730	1468.25	3.67	2143.	14330.	2143.	68.37	3.88	59.81	3.88	2.61	.5	3.25
93	5.460	1454.80	3.81	2860.	12775.	2860.	70.38	7.33	54.96	7.33	3.71	.5	4.80
125	7.450	1409.26	3.38	2812.	13781.	2812.	65.66	6.06	52.88	6.06	2.64	.4	4.26
140	8.480	1392.15	3.84	693.	13412.	693.	56.80	.96	53.65	.96	3.34	.5	4.15

164	10.290	1358.55	3.25	1613.	11553.	1613.	48.03	3.00	41.80	3.00	2.66	.5	3.55

FRDM= .54 IIFR= 124 FRM= .41 IIFM= 24

TT = 10.5601 DTH = .0200 ITERR = 0
QU(1) = 20281.50 YU(1) = 1585.44 QU(N) = 48208.55 YU(N) = 1358.55

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.44	4.89	0.	4151.	0.	20.28	.00	20.08	.00	2.69	.5	3.24
24	1.640	1538.30	3.23	46.	10855.	46.	35.37	.03	35.00	.03	3.17	.4	4.30
64	4.730	1468.24	3.67	2124.	14293.	2124.	67.99	3.83	59.55	3.83	2.60	.5	3.24
93	5.460	1454.79	3.80	2856.	12768.	2856.	70.29	7.32	54.91	7.32	3.71	.5	4.79
125	7.450	1409.27	3.39	2834.	13826.	2834.	66.05	6.12	53.15	6.12	2.65	.4	4.27
140	8.480	1392.16	3.85	709.	13475.	709.	57.29	.97	54.09	.97	3.35	.5	4.16
164	10.290	1358.55	3.25	1621.	11573.	1621.	48.21	3.02	41.93	3.02	2.66	.5	3.55

FRDM= .54 IIFR= 124 FRM= .41 IIFM= 24

TT = 10.5801 DTH = .0200 ITERR = 0
QU(1) = 19425.83 YU(1) = 1585.37 QU(N) = 48385.81 YU(N) = 1358.55

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.37	4.79	0.	4052.	0.	19.43	.00	19.28	.00	2.62	.5	3.17
24	1.640	1538.27	3.20	38.	10698.	38.	34.53	.02	34.15	.02	3.14	.4	4.27
64	4.730	1468.24	3.66	2104.	14255.	2104.	67.61	3.77	59.29	3.77	2.60	.5	3.24
93	5.460	1454.79	3.80	2852.	12759.	2852.	70.19	7.30	54.83	7.30	3.71	.5	4.79
125	7.450	1409.28	3.39	2854.	13867.	2854.	66.42	6.17	53.41	6.17	2.66	.4	4.23
140	8.480	1392.17	3.85	726.	13539.	726.	57.78	.98	54.54	.98	3.36	.5	4.17
164	10.290	1358.55	3.26	1629.	11593.	1629.	48.39	3.04	42.05	3.04	2.66	.5	3.55

FRDM= .54 IIFR= 124 FRM= .41 IIFM= 24

TT = 10.6001 DTH = .0200 ITERR = 0
QU(1) = 18570.17 YU(1) = 1585.29 QU(N) = 48561.47 YU(N) = 1358.56

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.29	4.70	0.	3952.	0.	18.57	.00	18.48	.00	2.54	.5	3.09
24	1.640	1538.24	3.18	30.	10543.	30.	33.70	.01	33.34	.01	3.11	.4	4.24
64	4.730	1468.23	3.66	2083.	14216.	2083.	67.22	3.71	59.02	3.71	2.59	.5	3.23
93	5.460	1454.79	3.80	2846.	12747.	2846.	70.06	7.28	54.74	7.28	3.71	.5	4.79
125	7.450	1409.28	3.40	2874.	13907.	2874.	66.77	6.23	53.65	6.23	2.66	.4	4.28
140	8.480	1392.18	3.86	744.	13603.	744.	58.28	1.00	54.99	1.00	3.37	.5	4.18
164	10.290	1358.56	3.26	1636.	11614.	1636.	48.56	3.06	42.17	3.06	2.67	.5	3.56

FRDM= .54 IIFR= 124 FRM= .41 IIFM= 24

TT = 10.6201 DTH = .0200 ITERR = 0
QU(1) = 17714.51 YU(1) = 1585.21 QU(N) = 48741.27 YU(N) = 1358.56

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1585.21	4.60	0.	3853.	0.	17.71	.00	17.70	.00	2.47	.5	3.01
24	1.640	1538.22	3.16	23.	10403.	23.	32.99	.01	32.64	.01	3.08	.4	4.22

64	4.730	1468.22	3.65	2062.	14175.	2062.	66.81	3.64	58.74	3.64	2.58	.5	3.22
93	5.460	1454.79	3.80	2839.	12733.	2839.	69.90	7.25	54.64	7.25	3.70	.5	4.79
125	7.450	1409.29	3.40	2892.	13945.	2892.	67.10	6.28	53.88	6.28	2.67	.4	4.29
140	8.480	1392.19	3.87	763.	13668.	763.	58.77	1.01	55.44	1.01	3.38	.5	4.19
164	10.290	1358.56	3.27	1644.	11634.	1644.	48.74	3.07	42.30	3.07	2.67	.5	3.56

FRDM= .54 IIFR= 124 FRM= .40 IIFM= 24

TT = 10.6401 DTH = .0200 ITERR = 0
QU(1) = 16858.85 YU(1) = 1585.13 QU(N) = 48921.64 YU(N) = 1358.56

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.13	4.50	0.	3745.	0.	16.86	.00	16.78	.00	2.38	.5	2.93
24	1.640	1538.19	3.14	18.	10279.	18.	32.35	.01	32.02	.01	3.06	.4	4.19
64	4.730	1468.21	3.65	2040.	14132.	2040.	66.39	3.58	58.45	3.58	2.57	.5	3.21
93	5.460	1454.79	3.79	2832.	12717.	2832.	69.72	7.22	54.51	7.22	3.70	.5	4.78
125	7.450	1409.30	3.40	2910.	13980.	2910.	67.41	6.33	54.10	6.33	2.68	.4	4.30
140	8.480	1392.21	3.87	783.	13731.	783.	59.27	1.03	55.89	1.03	3.40	.5	4.21
164	10.290	1358.56	3.27	1652.	11654.	1652.	48.92	3.09	42.42	3.09	2.68	.5	3.56

FRDM= .54 IIFR= 124 FRM= .40 IIFM= 24

TT = 10.6601 DTH = .0200 ITERR = 0
QU(1) = 16003.19 YU(1) = 1585.04 QU(N) = 49105.64 YU(N) = 1358.57

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1585.04	4.42	0.	3623.	0.	16.00	.00	15.84	.00	2.29	.5	2.84
24	1.640	1538.17	3.11	14.	10160.	14.	31.73	.01	31.42	.01	3.03	.4	4.17
64	4.730	1468.21	3.64	2016.	14087.	2016.	65.94	3.51	58.15	3.51	2.57	.5	3.21
93	5.460	1454.78	3.79	2823.	12698.	2823.	69.52	7.19	54.37	7.19	3.70	.5	4.78
125	7.450	1409.30	3.41	2926.	14014.	2926.	67.70	6.37	54.31	6.37	2.68	.4	4.30
140	8.480	1392.22	3.88	803.	13796.	803.	59.76	1.05	56.34	1.05	3.41	.5	4.22
164	10.290	1358.57	3.27	1660.	11675.	1660.	49.11	3.11	42.55	3.11	2.68	.5	3.57

FRDM= .54 IIFR= 124 FRM= .40 IIFM= 24

TT = 10.6801 DTH = .0200 ITERR = 0
QU(1) = 15147.53 YU(1) = 1584.94 QU(N) = 49299.27 YU(N) = 1358.57

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.94	4.33	0.	3497.	0.	15.15	.00	14.92	.00	2.19	.5	2.74
24	1.640	1538.15	3.09	11.	10043.	11.	31.10	.00	30.82	.00	3.01	.4	4.15
64	4.730	1468.20	3.63	1992.	14040.	1992.	65.47	3.44	57.83	3.44	2.56	.5	3.20
93	5.460	1454.78	3.79	2812.	12677.	2812.	69.28	7.15	54.21	7.15	3.69	.5	4.78
125	7.450	1409.31	3.41	2942.	14045.	2942.	67.97	6.42	54.50	6.42	2.69	.4	4.31
140	8.480	1392.23	3.89	824.	13858.	824.	60.24	1.07	56.78	1.07	3.42	.5	4.23
164	10.290	1358.57	3.28	1668.	11697.	1668.	49.30	3.14	42.69	3.14	2.68	.5	3.57

FRDM= .54 IIFR= 124 FRM= .40 IIFM= 24

TT = 10.7001 DTH = .0200 ITERR = 0
QU(1) = 14291.86 YU(1) = 1584.84 QU(N) = 49498.17 YU(N) = 1358.58

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.84	4.24	0.	3371.	0.	14.29	.00	14.02	.00	2.09	.5	2.54
24	1.640	1538.12	3.07	8.	9929.	8.	30.50	.00	30.24	.00	2.99	.4	4.12
64	4.730	1468.19	3.63	1967.	13992.	1967.	64.99	3.37	57.50	3.37	2.55	.5	3.19
93	5.460	1454.77	3.78	2801.	12653.	2801.	69.02	7.11	54.03	7.11	3.69	.5	4.77
125	7.450	1409.31	3.41	2957.	14075.	2957.	68.24	6.46	54.68	6.46	2.69	.4	4.31
140	8.480	1392.24	3.89	845.	13921.	845.	60.72	1.09	57.22	1.09	3.43	.5	4.24
164	10.290	1358.58	3.28	1677.	11719.	1677.	49.60	3.16	42.83	3.16	2.69	.5	3.58

FRDM= .54 IIFR= 124 FRM= .40 IIFM= 24

TT = 10.7201 DTH = .0200 ITERR = 0
QU(1) = 13436.20 YU(1) = 1584.75 QU(N) = 49702.92 YU(N) = 1358.58

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.75	4.14	0.	3244.	0.	13.44	.00	13.14	.00	2.00	.5	2.55
24	1.640	1538.10	3.04	5.	9806.	5.	29.81	.00	29.60	.00	2.96	.4	4.10
64	4.730	1468.18	3.62	1941.	13942.	1941.	64.50	3.30	57.17	3.30	2.54	.5	3.18
93	5.460	1454.77	3.78	2788.	12627.	2788.	68.73	7.06	53.84	7.06	3.68	.5	4.77
125	7.450	1409.32	3.42	2971.	14103.	2971.	68.48	6.50	54.86	6.50	2.70	.4	4.32
140	3.480	1392.25	3.89	867.	13982.	867.	61.19	1.11	57.65	1.11	3.44	.5	4.25
164	10.290	1358.58	3.29	1686.	11742.	1686.	49.70	3.18	42.97	3.18	2.69	.5	3.58

FRDM= .54 IIFR= 124 FRM= .39 IIFM= 24

TT = 10.7401 DTH = .0200 ITERR = 0
QU(1) = 12580.54 YU(1) = 1584.65 QU(N) = 49919.55 YU(N) = 1358.58

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.65	4.04	0.	3117.	0.	12.58	.00	12.29	.00	1.90	.5	2.45
24	1.640	1538.07	3.00	3.	9670.	3.	29.07	.00	28.90	.00	2.94	.4	4.07
64	4.730	1468.17	3.61	1914.	13891.	1914.	63.99	3.22	56.82	3.22	2.53	.5	3.17
93	5.460	1454.76	3.77	2774.	12598.	2774.	68.42	7.01	53.63	7.01	3.68	.5	4.76
125	7.450	1409.32	3.42	2984.	14129.	2984.	68.71	6.54	55.02	6.54	2.70	.4	4.32
140	8.480	1392.26	3.90	889.	14043.	889.	61.65	1.13	58.08	1.13	3.45	.5	4.25
164	10.290	1358.58	3.29	1695.	11767.	1695.	49.92	3.20	43.12	3.20	2.70	.5	3.58

FRDM= .54 IIFR= 124 FRM= .39 IIFM= 24

TT = 10.7601 DTH = .0200 ITERR = 0
QU(1) = 11724.88 YU(1) = 1584.55 QU(N) = 50150.24 YU(N) = 1358.59

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1584.55	3.92	0.	2989.	0.	11.72	.00	11.45	.00	1.80	.5	2.35
24	1.640	1538.04	2.97	1.	9525.	1.	28.28	.00	28.17	.00	2.91	.4	4.04
64	4.730	1468.16	3.60	1887.	13838.	1887.	63.47	3.15	56.47	3.15	2.52	.5	3.16
93	5.460	1454.76	3.76	2759.	12567.	2759.	68.09	6.95	53.41	6.95	3.67	.5	4.76
125	7.450	1409.33	3.42	2996.	14153.	2996.	68.92	6.57	55.17	6.57	2.71	.4	4.33
140	8.480	1392.27	3.90	911.	14103.	911.	62.11	1.16	58.51	1.16	3.46	.5	4.27
164	10.290	1358.59	3.30	1705.	11792.	1705.	50.15	3.23	43.28	3.23	2.70	.5	3.59

FRDM= .54 IIFR= 124 FRM= .39 IIFM= 24

TT = 10.7801 DTH = .0200 ITERR = 0
QU(1) = 10869.21 YU(1) = 1584.45 QU(N) = 50392.12 YU(N) = 1358.59

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.45	3.80	0.	2861.	0.	10.87	.00	10.64	.00	1.70	.5	2.25
24	1.640	1538.02	2.93	0.	9377.	0.	27.46	.00	27.42	.00	2.88	.4	4.02
64	4.730	1468.15	3.60	1859.	13785.	1859.	62.94	3.07	56.12	3.07	2.51	.5	3.15
93	5.460	1454.75	3.76	2744.	12535.	2744.	67.74	6.90	53.17	6.90	3.67	.5	4.75
125	7.450	1409.33	3.42	3008.	14176.	3008.	69.11	6.60	55.31	6.60	2.71	.4	4.33
140	8.480	1392.28	3.90	934.	14162.	934.	62.55	1.18	58.92	1.18	3.47	.5	4.28
164	10.290	1358.59	3.30	1716.	11819.	1716.	50.39	3.26	43.45	3.26	2.71	.5	3.59

FRDM= .54 IIFR= 124 FRM= .38 IIFM= 24

TT = 10.8001 DTH = .0200 ITERR = 0
QU(1) = 10015.42 YU(1) = 1584.35 QU(N) = 50650.16 YU(N) = 1358.60

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.35	3.66	0.	2733.	0.	10.02	.00	9.86	.00	1.60	.4	2.15
24	1.640	1537.98	2.89	0.	9216.	0.	26.65	.00	26.61	.00	2.85	.4	3.98
64	4.730	1468.14	3.59	1830.	13730.	1830.	62.40	3.00	55.76	3.00	2.50	.5	3.14
93	5.460	1454.75	3.75	2727.	12501.	2727.	67.37	6.84	52.92	6.84	3.66	.5	4.75
125	7.450	1409.34	3.42	3018.	14198.	3018.	69.30	6.63	55.44	6.63	2.72	.4	4.34
140	8.480	1392.29	3.90	957.	14220.	957.	62.99	1.21	59.33	1.21	3.48	.5	4.29
164	10.290	1358.60	3.31	1727.	11847.	1727.	50.65	3.29	43.64	3.29	2.71	.5	3.60

FRDM= .54 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.8201 DTH = .0200 ITERR = 0
QU(1) = 9811.71 YU(1) = 1584.32 QU(N) = 50916.52 YU(N) = 1358.60

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.32	3.65	0.	2686.	0.	9.81	.00	9.69	.00	1.57	.4	2.12
24	1.640	1537.95	2.89	0.	9029.	0.	26.10	.00	25.99	.00	2.81	.4	3.95
64	4.730	1468.13	3.58	1802.	13675.	1802.	61.86	2.92	55.40	2.92	2.49	.5	3.13
93	5.460	1454.74	3.75	2710.	12465.	2710.	66.99	6.77	52.66	6.77	3.66	.5	4.74
125	7.450	1409.34	3.43	3028.	14217.	3028.	69.47	6.66	55.56	6.66	2.72	.4	4.34
140	8.480	1392.30	3.91	980.	14276.	980.	63.41	1.24	59.72	1.24	3.49	.5	4.30
164	10.290	1358.60	3.32	1739.	11877.	1739.	50.92	3.32	43.82	3.32	2.72	.5	3.60

FRDM= .54 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.8401 DTH = .0200 ITERR = 0
QU(1) = 9608.01 YU(1) = 1584.29 QU(N) = 51207.88 YU(N) = 1358.61

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.29	3.62	0.	2655.	0.	9.61	.00	9.51	.00	1.54	.4	2.09
24	1.640	1537.91	2.87	0.	8826.	0.	25.30	.00	25.13	.00	2.77	.4	3.91
64	4.730	1468.12	3.57	1772.	13619.	1772.	61.31	2.84	55.04	2.84	2.48	.5	3.12
93	5.460	1454.73	3.74	2692.	12427.	2692.	66.58	6.71	52.39	6.71	3.65	.5	4.73
125	7.450	1409.34	3.43	3037.	14235.	3037.	69.61	6.68	55.66	6.68	2.72	.4	4.34
140	8.480	1392.31	3.91	1003.	14331.	1003.	63.82	1.27	60.11	1.27	3.50	.5	4.31

164	10.290	1358.61	3.32	1751.	11909.	1751.	51.21	3.35	44.03	3.35	2.72	.5	3.61

FRDM= .54 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.8601 DTH = .0200 ITERR = 0
QU(1) = 9404.30 YU(1) = 1584.27 QU(N) = 51506.76 YU(N) = 1358.62

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.27	3.58	0.	2625.	0.	9.40	.00	9.33	.00	1.52	.4	2.07
24	1.640	1537.86	2.85	0.	8624.	0.	24.60	.00	24.39	.00	2.73	.4	3.86
64	4.730	1468.11	3.56	1743.	13562.	1743.	60.75	2.77	54.66	2.77	2.47	.5	3.11
93	5.460	1454.73	3.73	2674.	12388.	2674.	66.16	6.64	52.11	6.64	3.64	.5	4.73
125	7.450	1409.35	3.43	3045.	14251.	3045.	69.75	6.71	55.76	6.71	2.72	.4	4.35
140	8.480	1392.32	3.91	1026.	14385.	1026.	64.22	1.30	60.49	1.30	3.51	.5	4.32
164	10.290	1358.62	3.33	1765.	11943.	1765.	51.51	3.38	44.24	3.38	2.73	.5	3.62

FRDM= .54 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.8801 DTH = .0200 ITERR = 0
QU(1) = 9200.60 YU(1) = 1584.25 QU(N) = 51827.70 YU(N) = 1358.62

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.25	3.55	0.	2595.	0.	9.20	.00	9.15	.00	1.50	.4	2.05
24	1.640	1537.82	2.84	0.	8426.	0.	23.89	.00	23.64	.00	2.69	.4	3.82
64	4.730	1468.10	3.56	1713.	13505.	1713.	60.19	2.69	54.29	2.69	2.46	.5	3.10
93	5.460	1454.72	3.72	2655.	12348.	2655.	65.73	6.57	51.83	6.57	3.63	.5	4.72
125	7.450	1409.35	3.43	3053.	14265.	3053.	69.87	6.73	55.84	6.73	2.73	.4	4.35
140	8.480	1392.33	3.91	1049.	14436.	1049.	64.61	1.32	60.85	1.32	3.52	.5	4.33
164	10.290	1358.62	3.34	1778.	11977.	1778.	51.83	3.42	44.47	3.42	2.73	.5	3.62

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.9001 DTH = .0200 ITERR = 0
QU(1) = 8996.89 YU(1) = 1584.22 QU(N) = 52161.87 YU(N) = 1358.63

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.22	3.51	0.	2564.	0.	9.00	.00	8.97	.00	1.47	.4	2.02
24	1.640	1537.78	2.82	0.	8237.	0.	23.22	.00	22.96	.00	2.65	.4	3.78
64	4.730	1468.09	3.55	1683.	13446.	1683.	59.61	2.61	53.91	2.61	2.45	.5	3.09
93	5.460	1454.71	3.71	2634.	12305.	2634.	65.29	6.50	51.53	6.50	3.63	.5	4.71
125	7.450	1409.35	3.43	3059.	14278.	3059.	69.97	6.74	55.92	6.74	2.73	.4	4.35
140	8.480	1392.34	3.91	1071.	14486.	1071.	64.99	1.35	61.21	1.35	3.53	.5	4.34
164	10.290	1358.63	3.34	1793.	12014.	1793.	52.16	3.46	44.71	3.46	2.74	.5	3.63

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.9201 DTH = .0200 ITERR = 0
QU(1) = 8793.19 YU(1) = 1584.20 QU(N) = 52515.57 YU(N) = 1358.64

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.20	3.47	0.	2534.	0.	8.79	.00	8.79	.00	1.45	.4	2.00
24	1.640	1537.75	2.80	0.	8063.	0.	22.61	.00	22.34	.00	2.61	.4	3.75

64	4.730	1468.08	3.54	1652.	13388.	1652.	59.03	2.53	53.54	2.53	2.44	.5	3.08
93	5.460	1454.70	3.71	2614.	12263.	2614.	64.83	6.43	51.23	6.43	3.62	.5	4.70
125	7.450	1409.35	3.43	3064.	14288.	3064.	70.06	6.76	55.98	6.76	2.73	.4	4.35
140	8.480	1392.35	3.91	1093.	14535.	1093.	65.35	1.38	61.55	1.38	3.54	.5	4.35
164	10.290	1358.64	3.35	1809.	12054.	1809.	52.52	3.50	44.96	3.50	2.75	.5	3.64

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.9401 DTH = .0200 ITERR = 0
QU(1) = 8589.48 YU(1) = 1584.17 QU(N) = 52882.52 YU(N) = 1358.64

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.17	3.44	0.	2498.	0.	8.59	.00	8.55	.00	1.42	.4	1.97
24	1.640	1537.71	2.79	0.	7899.	0.	22.02	.00	21.76	.00	2.58	.4	3.71
64	4.730	1468.07	3.53	1621.	13329.	1621.	58.45	2.46	53.15	2.46	2.43	.5	3.07
93	5.460	1454.69	3.70	2593.	12218.	2593.	64.35	6.35	50.91	6.35	3.61	.5	4.69
125	7.450	1409.35	3.43	3069.	14298.	3069.	70.13	6.77	56.03	6.77	2.73	.4	4.35
140	8.480	1392.36	3.91	1115.	14581.	1115.	65.69	1.41	61.88	1.41	3.55	.5	4.36
164	10.290	1358.64	3.36	1826.	12095.	1826.	52.88	3.54	45.23	3.54	2.76	.5	3.64

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.9601 DTH = .0200 ITERR = 0
QU(1) = 8385.78 YU(1) = 1584.14 QU(N) = 53265.29 YU(N) = 1358.65

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.14	3.41	0.	2457.	0.	8.39	.00	8.31	.00	1.39	.4	1.94
24	1.640	1537.68	2.77	0.	7740.	0.	21.44	.00	21.19	.00	2.54	.4	3.68
64	4.730	1468.06	3.52	1590.	13269.	1590.	57.86	2.38	52.77	2.38	2.42	.5	3.06
93	5.460	1454.69	3.69	2571.	12172.	2571.	63.87	6.28	50.59	6.28	3.60	.5	4.69
125	7.450	1409.36	3.43	3072.	14304.	3072.	70.18	6.78	56.06	6.78	2.73	.4	4.36
140	8.480	1392.37	3.91	1136.	14626.	1136.	66.03	1.44	62.20	1.44	3.56	.5	4.37
164	10.290	1358.65	3.37	1843.	12137.	1843.	53.27	3.59	45.50	3.59	2.76	.5	3.65

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 24

TT = 10.9801 DTH = .0200 ITERR = 0
QU(1) = 8182.07 YU(1) = 1584.11 QU(N) = 53664.79 YU(N) = 1358.66

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.11	3.39	0.	2415.	0.	8.18	.00	8.07	.00	1.36	.4	1.91
24	1.640	1537.64	2.75	0.	7575.	0.	20.80	.00	20.58	.00	2.51	.4	3.64
64	4.730	1468.05	3.51	1559.	13208.	1559.	57.27	2.30	52.38	2.30	2.41	.5	3.05
93	5.460	1454.68	3.68	2549.	12125.	2549.	63.36	6.20	50.26	6.20	3.59	.5	4.68
125	7.450	1409.36	3.43	3075.	14310.	3075.	70.21	6.79	56.09	6.79	2.74	.4	4.36
140	8.480	1392.38	3.91	1157.	14669.	1157.	66.35	1.47	62.50	1.47	3.57	.6	4.38
164	10.290	1358.66	3.37	1861.	12182.	1861.	53.66	3.64	45.79	3.64	2.77	.5	3.66

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 24

TT = 11.0001 DTH = .0200 ITERR = 0
QU(1) = 7978.37 YU(1) = 1584.07 QU(N) = 54076.45 YU(N) = 1358.67

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.07	3.36	0.	2372.	0.	7.98	.00	7.83	.00	1.33	.4	1.87
24	1.640	1537.60	2.72	0.	7402.	0.	20.13	.00	19.95	.00	2.47	.4	3.60
64	4.730	1468.04	3.50	1527.	13146.	1527.	56.65	2.23	51.99	2.23	2.39	.5	3.04
93	5.460	1454.67	3.67	2527.	12078.	2527.	62.86	6.12	49.93	6.12	3.58	.5	4.67
125	7.450	1409.36	3.43	3077.	14313.	3077.	70.23	6.79	56.10	6.79	2.74	.4	4.36
140	8.480	1392.38	3.91	1177.	14711.	1177.	66.65	1.49	62.79	1.49	3.57	.6	4.38
164	10.290	1358.67	3.38	1879.	12227.	1879.	54.08	3.69	46.08	3.69	2.78	.5	3.67

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.0201 DTH = .0200 ITERR = 0
QU(1) = 7774.66 YU(1) = 1584.04 QU(N) = 54503.64 YU(N) = 1358.68

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.04	3.34	0.	2329.	0.	7.77	.00	7.59	.00	1.29	.4	1.84
24	1.640	1537.57	2.69	0.	7228.	0.	19.45	.00	19.33	.00	2.43	.4	3.57
64	4.730	1468.02	3.49	1494.	13084.	1494.	56.03	2.15	51.58	2.15	2.38	.5	3.02
93	5.460	1454.66	3.66	2505.	12030.	2505.	62.36	6.04	49.60	6.04	3.58	.5	4.66
125	7.450	1409.36	3.43	3077.	14314.	3077.	70.23	6.79	56.09	6.79	2.74	.4	4.36
140	8.480	1392.39	3.90	1197.	14751.	1197.	66.95	1.52	63.07	1.52	3.58	.6	4.39
164	10.290	1358.68	3.39	1899.	12275.	1899.	54.50	3.74	46.39	3.74	2.79	.5	3.68

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.0401 DTH = .0200 ITERR = 0
QU(1) = 7570.96 YU(1) = 1584.01 QU(N) = 54938.55 YU(N) = 1358.69

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1584.01	3.31	0.	2286.	0.	7.57	.00	7.36	.00	1.26	.4	1.81
24	1.640	1537.53	2.66	0.	7056.	0.	18.78	.00	18.72	.00	2.39	.4	3.53
64	4.730	1468.01	3.48	1461.	13020.	1461.	55.40	2.07	51.18	2.07	2.37	.5	3.01
93	5.460	1454.65	3.65	2482.	11981.	2482.	61.84	5.96	49.27	5.96	3.57	.5	4.65
125	7.450	1409.36	3.43	3077.	14313.	3077.	70.20	6.79	56.08	6.79	2.74	.4	4.36
140	8.480	1392.40	3.90	1216.	14789.	1216.	67.23	1.55	63.34	1.55	3.59	.6	4.40
164	10.290	1358.69	3.40	1919.	12324.	1919.	54.94	3.79	46.71	3.79	2.80	.5	3.69

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.0601 DTH = .0200 ITERR = 0
QU(1) = 7367.25 YU(1) = 1583.98 QU(N) = 55390.15 YU(N) = 1358.70

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.98	3.28	0.	2243.	0.	7.37	.00	7.13	.00	1.23	.4	1.78
24	1.640	1537.49	2.63	0.	6889.	0.	18.13	.00	18.11	.00	2.35	.4	3.49
64	4.730	1468.00	3.46	1428.	12955.	1428.	54.76	1.99	50.77	1.99	2.36	.5	3.00
93	5.460	1454.64	3.64	2459.	11932.	2459.	61.31	5.88	48.92	5.88	3.56	.5	4.64
125	7.450	1409.36	3.43	3075.	14310.	3075.	70.16	6.78	56.04	6.78	2.74	.4	4.36
140	8.480	1392.40	3.90	1236.	14826.	1236.	67.51	1.57	63.61	1.57	3.59	.6	4.40
164	10.290	1358.70	3.41	1940.	12374.	1940.	55.39	3.85	47.03	3.85	2.81	.5	3.70

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.0801 DTH = .0200 ITERR = 0
QU(1) = 7163.55 YU(1) = 1583.94 QU(N) = 55846.57 YU(N) = 1358.70

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.94	3.26	0.	2200.	0.	7.16	.00	6.90	.00	1.19	.4	1.74
24	1.640	1537.45	2.62	0.	6717.	0.	17.61	.00	17.52	.00	2.31	.4	3.45
64	4.730	1467.99	3.46	1394.	12889.	1394.	54.20	1.92	50.22	1.92	2.35	.5	2.99
93	5.460	1454.63	3.63	2436.	11881.	2436.	60.78	5.80	48.58	5.80	3.55	.5	4.63
125	7.450	1409.36	3.43	3072.	14304.	3072.	70.09	6.77	55.99	6.77	2.73	.4	4.36
140	8.480	1392.41	3.90	1255.	14864.	1255.	67.80	1.60	63.89	1.60	3.60	.6	4.41
164	10.290	1358.70	3.42	1961.	12425.	1961.	55.85	3.90	47.36	3.90	2.82	.5	3.70

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.1001 DTH = .0200 ITERR = 0
QU(1) = 6959.84 YU(1) = 1583.91 QU(N) = 56308.75 YU(N) = 1358.71

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.91	3.23	0.	2156.	0.	6.96	.00	6.67	.00	1.16	.4	1.71
24	1.640	1537.41	2.61	0.	6539.	0.	17.04	.00	16.39	.00	2.27	.4	3.41
64	4.730	1467.98	3.45	1359.	12820.	1359.	53.60	1.85	49.62	1.85	2.34	.5	2.98
93	5.460	1454.62	3.62	2412.	11829.	2412.	60.23	5.72	48.22	5.72	3.54	.5	4.62
125	7.450	1409.35	3.43	3068.	14296.	3068.	70.00	6.76	55.93	6.76	2.73	.4	4.35
140	8.480	1392.42	3.90	1275.	14902.	1275.	68.08	1.63	64.15	1.63	3.61	.6	4.42
164	10.290	1358.71	3.42	1983.	12477.	1983.	56.31	3.96	47.70	3.96	2.82	.5	3.71

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.1201 DTH = .0200 ITERR = 0
QU(1) = 6756.14 YU(1) = 1583.88 QU(N) = 56731.00 YU(N) = 1358.72

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.88	3.20	0.	2113.	0.	6.76	.00	6.45	.00	1.13	.4	1.68
24	1.640	1537.36	2.59	0.	6362.	0.	16.50	.00	16.30	.00	2.23	.4	3.36
64	4.730	1467.96	3.44	1325.	12753.	1325.	53.03	1.79	49.05	1.79	2.32	.5	2.96
93	5.460	1454.61	3.61	2389.	11778.	2389.	59.69	5.64	47.87	5.64	3.53	.5	4.61
125	7.450	1409.35	3.42	3062.	14285.	3062.	69.89	6.74	55.84	6.74	2.73	.4	4.35
140	8.480	1392.42	3.90	1293.	14936.	1293.	68.34	1.65	64.41	1.65	3.61	.6	4.42
164	10.290	1358.72	3.43	2005.	12530.	2005.	56.78	4.02	48.05	4.02	2.83	.5	3.72

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.1401 DTH = .0200 ITERR = 0
QU(1) = 6552.43 YU(1) = 1583.84 QU(N) = 57254.64 YU(N) = 1358.73

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.84	3.17	0.	2070.	0.	6.55	.00	6.23	.00	1.09	.4	1.64
24	1.640	1537.32	2.58	0.	6194.	0.	15.97	.00	15.75	.00	2.19	.4	3.32
64	4.730	1467.95	3.44	1293.	12688.	1293.	52.48	1.73	48.49	1.73	2.31	.5	2.95
93	5.460	1454.60	3.59	2365.	11726.	2365.	59.15	5.55	47.52	5.55	3.52	.5	4.60
125	7.450	1409.35	3.42	3056.	14272.	3056.	69.75	6.72	55.74	6.72	2.73	.4	4.35
140	8.480	1392.43	3.90	1311.	14969.	1311.	68.57	1.68	64.64	1.68	3.62	.6	4.43

164	10.290	1358.73	3.44	2028.	12584.	2028.	57.25	4.08	48.39	4.08	2.84	.5	3.73

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.1601 DTH = .0200 ITERR = 0
QU(1) = 6348.73 YU(1) = 1583.81 QU(N) = 57734.32 YU(N) = 1358.74

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.81	3.13	0.	2927.	0.	6.35	.00	6.01	.00	1.06	.4	1.61
24	1.640	1537.28	2.56	0.	5034.	0.	15.47	.00	15.24	.00	2.15	.4	3.28
64	4.730	1467.94	3.43	1259.	12619.	1259.	51.88	1.66	47.90	1.66	2.30	.5	2.94
93	5.460	1454.60	3.58	2341.	11674.	2341.	58.60	5.47	47.17	5.47	3.51	.5	4.60
125	7.450	1409.35	3.42	3048.	14256.	3048.	69.60	6.70	55.63	6.70	2.73	.4	4.35
140	8.480	1392.44	3.90	1328.	15000.	1328.	68.80	1.70	64.86	1.70	3.63	.6	4.44
164	10.290	1358.74	3.45	2051.	12637.	2051.	57.73	4.15	48.74	4.15	2.85	.5	3.74

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.1801 DTH = .0200 ITERR = 0
QU(1) = 6145.02 YU(1) = 1583.78 QU(N) = 58215.48 YU(N) = 1358.75

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.78	3.10	0.	1983.	0.	6.15	.00	5.80	.00	1.03	.4	1.58
24	1.640	1537.25	2.55	0.	5887.	0.	15.02	.00	14.78	.00	2.11	.4	3.25
64	4.730	1467.92	3.43	1216.	12531.	1216.	51.26	1.58	47.27	1.58	2.28	.5	2.92
93	5.460	1454.59	3.57	2317.	11621.	2317.	58.03	5.39	46.81	5.39	3.50	.5	4.59
125	7.450	1409.34	3.42	3039.	14239.	3039.	69.41	6.67	55.50	6.67	2.72	.4	4.34
140	8.480	1392.44	3.89	1344.	15028.	1344.	68.99	1.72	65.04	1.72	3.63	.5	4.44
164	10.290	1358.75	3.46	2074.	12692.	2074.	58.22	4.21	49.10	4.21	2.86	.5	3.75

FRDM= .56 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.2001 DTH = .0200 ITERR = 0
QU(1) = 5941.32 YU(1) = 1583.74 QU(N) = 58692.48 YU(N) = 1358.76

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.74	3.06	0.	1940.	0.	5.94	.00	5.59	.00	.99	.4	1.54
24	1.640	1537.21	2.54	0.	5754.	0.	14.60	.00	14.37	.00	2.08	.4	3.21
64	4.730	1467.91	3.42	1171.	12436.	1171.	50.58	1.50	46.59	1.50	2.27	.5	2.91
93	5.460	1454.58	3.56	2293.	11568.	2293.	57.46	5.31	46.45	5.31	3.49	.5	4.58
125	7.450	1409.34	3.41	3028.	14218.	3028.	69.21	6.64	55.35	6.64	2.72	.4	4.34
140	8.480	1392.45	3.89	1358.	15054.	1358.	69.17	1.74	65.22	1.74	3.64	.5	4.45
164	10.290	1358.76	3.46	2098.	12746.	2098.	58.69	4.27	49.45	4.27	2.87	.5	3.76

FRDM= .56 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.2201 DTH = .0200 ITERR = 0
QU(1) = 5737.62 YU(1) = 1583.71 QU(N) = 59169.80 YU(N) = 1358.77

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.71	3.02	0.	1897.	0.	5.74	.00	5.38	.00	.96	.4	1.51
24	1.640	1537.18	2.52	0.	5621.	0.	14.16	.00	13.94	.00	2.04	.4	3.18

64	4.730	1467.89	3.42	1125.	12336.	1125.	49.88	1.42	45.89	1.42	2.25	.5	2.89
93	5.460	1454.57	3.54	2268.	11513.	2268.	56.89	5.23	46.08	5.23	3.48	.5	4.57
125	7.450	1409.34	3.41	3017.	14194.	3017.	68.98	6.60	55.19	6.60	2.71	.4	4.34
140	8.480	1392.45	3.89	1371.	15077.	1371.	69.33	1.76	65.37	1.76	3.64	.6	4.45
164	10.290	1358.77	3.47	2121.	12800.	2121.	59.17	4.34	49.80	4.34	2.88	.5	3.77

FRDM= .56 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.2401 DTH = .0200 ITERR = 0
QU(1) = 5533.91 YU(1) = 1583.68 QU(N) = 59644.42 YU(N) = 1358.78

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.68	2.99	0.	1854.	0.	5.53	.00	5.18	.00	.93	.4	1.48
24	1.640	1537.14	2.49	0.	5479.	0.	13.66	.00	13.46	.00	2.01	.4	3.14
64	4.730	1467.87	3.42	1076.	12230.	1076.	49.15	1.34	45.16	1.34	2.23	.5	2.87
93	5.460	1454.56	3.53	2244.	11460.	2244.	56.33	5.15	45.73	5.15	3.47	.5	4.56
125	7.450	1409.33	3.41	3004.	14169.	3004.	68.73	6.56	55.01	6.56	2.71	.4	4.33
140	8.480	1392.45	3.89	1382.	15098.	1382.	69.47	1.78	65.51	1.78	3.64	.6	4.45
164	10.290	1358.78	3.48	2145.	12854.	2145.	59.64	4.40	50.15	4.40	2.89	.5	3.78

FRDM= .56 IIFR= 140 FRM= .37 IIFM= 24

TT = 11.2601 DTH = .0200 ITERR = 0
QU(1) = 5330.21 YU(1) = 1583.64 QU(N) = 60109.69 YU(N) = 1358.79

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.64	2.94	0.	1810.	0.	5.33	.00	4.98	.00	.89	.4	1.44
24	1.640	1537.10	2.46	0.	5324.	0.	13.11	.00	12.95	.00	1.97	.4	3.10
64	4.730	1467.85	3.41	1028.	12122.	1028.	48.39	1.26	44.41	1.26	2.21	.5	2.85
93	5.460	1454.55	3.52	2220.	11407.	2220.	55.78	5.07	45.38	5.07	3.46	.5	4.55
125	7.450	1409.33	3.40	2990.	14141.	2990.	68.47	6.52	54.82	6.52	2.70	.4	4.33
140	8.480	1392.46	3.89	1393.	15116.	1393.	69.59	1.79	65.62	1.79	3.65	.6	4.45
164	10.290	1358.79	3.49	2168.	12907.	2168.	60.11	4.46	50.50	4.46	2.90	.5	3.79

FRDM= .56 IIFR= 140 FRM= .36 IIFM= 24

TT = 11.2801 DTH = .0200 ITERR = 0
QU(1) = 5126.50 YU(1) = 1583.61 QU(N) = 60576.60 YU(N) = 1358.80

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.61	2.90	0.	1767.	0.	5.13	.00	4.78	.00	.86	.4	1.41
24	1.640	1537.06	2.43	0.	5160.	0.	12.52	.00	12.42	.00	1.92	.4	3.06
64	4.730	1467.83	3.41	976.	12001.	976.	47.63	1.17	43.66	1.17	2.19	.5	2.83
93	5.460	1454.54	3.51	2197.	11353.	2197.	55.22	4.99	45.03	4.99	3.45	.5	4.54
125	7.450	1409.32	3.40	2975.	14110.	2975.	68.18	6.47	54.61	6.47	2.70	.4	4.32
140	8.480	1392.46	3.89	1401.	15131.	1401.	69.69	1.81	65.73	1.81	3.65	.6	4.46
164	10.290	1358.80	3.49	2192.	12960.	2192.	60.58	4.53	50.85	4.53	2.91	.5	3.80

FRDM= .56 IIFR= 140 FRM= .36 IIFM= 24

TT = 11.3001 DTH = .0200 ITERR = 0
QU(1) = 4922.80 YU(1) = 1583.58 QU(N) = 61033.28 YU(N) = 1358.81

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.58	2.86	0.	1724.	0.	4.92	.00	4.59	.00	.83	.4	1.38
24	1.640	1537.01	2.39	0.	4993.	0.	11.92	.00	11.90	.00	1.88	.4	3.01
64	4.730	1467.81	3.41	924.	11878.	924.	46.85	1.09	42.89	1.09	2.16	.5	2.81
93	5.460	1454.53	3.49	2173.	11300.	2173.	54.65	4.91	44.67	4.91	3.44	.5	4.53
125	7.450	1409.31	3.39	2958.	14078.	2958.	67.87	6.43	54.39	6.43	2.69	.4	4.31
140	8.480	1392.46	3.88	1409.	15145.	1409.	69.77	1.82	65.80	1.82	3.65	.6	4.46
164	10.290	1358.81	3.50	2215.	13013.	2215.	61.03	4.59	51.19	4.59	2.92	.5	3.81

FRDM= .56 IIFR= 140 FRM= .36 IIFM= 24

TT = 11.3201 DTH = .0200 ITERR = 0
QU(1) = 4719.09 YU(1) = 1583.54 QU(N) = 61486.17 YU(N) = 1358.82

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.54	2.81	0.	1680.	0.	4.72	.00	4.40	.00	.79	.4	1.34
24	1.640	1536.96	2.37	0.	4823.	0.	11.42	.00	11.31	.00	1.83	.4	2.96
64	4.730	1467.78	3.41	873.	11755.	873.	46.09	1.01	42.15	1.01	2.14	.5	2.78
93	5.460	1454.52	3.48	2148.	11245.	2148.	54.08	4.83	44.32	4.83	3.43	.5	4.52
125	7.450	1409.31	3.39	2941.	14043.	2941.	67.54	6.38	54.16	6.38	2.69	.4	4.31
140	8.480	1392.46	3.88	1415.	15155.	1415.	69.83	1.83	65.86	1.83	3.65	.6	4.46
164	10.290	1358.82	3.51	2238.	13064.	2238.	61.49	4.66	51.53	4.66	2.93	.5	3.82

FRDM= .56 IIFR= 140 FRM= .36 IIFM= 24

TT = 11.3401 DTH = .0200 ITERR = 0
QU(1) = 4515.39 YU(1) = 1583.51 QU(N) = 61930.31 YU(N) = 1358.83

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.51	2.76	0.	1637.	0.	4.52	.00	4.21	.00	.76	.4	1.31
24	1.640	1536.91	2.36	0.	4641.	0.	10.97	.00	10.72	.00	1.78	.4	2.91
64	4.730	1467.76	3.41	824.	11633.	824.	45.35	.94	41.43	.94	2.12	.5	2.76
93	5.460	1454.51	3.47	2125.	11193.	2125.	53.52	4.75	43.97	4.75	3.42	.5	4.51
125	7.450	1409.30	3.39	2923.	14006.	2923.	67.20	6.32	53.91	6.32	2.68	.4	4.30
140	8.480	1392.47	3.88	1420.	15163.	1420.	69.88	1.83	65.91	1.83	3.66	.6	4.47
164	10.290	1358.83	3.51	2261.	13115.	2261.	61.93	4.72	51.86	4.72	2.94	.5	3.83

FRDM= .56 IIFR= 140 FRM= .36 IIFM= 24

TT = 11.3601 DTH = .0200 ITERR = 0
QU(1) = 4311.68 YU(1) = 1583.48 QU(N) = 62363.63 YU(N) = 1358.84

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.48	2.71	0.	1593.	0.	4.31	.00	4.02	.00	.73	.4	1.28
24	1.640	1536.86	2.36	0.	4451.	0.	10.53	.00	10.14	.00	1.72	.4	2.86
64	4.730	1467.74	3.42	782.	11524.	782.	44.74	.87	40.84	.87	2.10	.5	2.74
93	5.460	1454.50	3.45	2102.	11139.	2102.	52.97	4.67	43.61	4.67	3.41	.5	4.50
125	7.450	1409.29	3.38	2903.	13967.	2903.	66.83	6.27	53.65	6.27	2.67	.4	4.29
140	8.480	1392.47	3.88	1423.	15169.	1423.	69.90	1.84	65.93	1.84	3.66	.6	4.47
164	10.290	1358.84	3.52	2283.	13165.	2283.	62.36	4.78	52.18	4.78	2.95	.5	3.84

FRDM= .56 IIFR= 140 FRM= .36 IIFM= 29

TT = 11.3801 DTH = .0200 ITERR = 0
QU(1) = 4107.98 YU(1) = 1583.44 QU(N) = 62784.79 YU(N) = 1358.85

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.44	2.65	0.	1550.	0.	4.11	.00	3.84	.00	.69	.4	1.24
24	1.640	1536.80	2.37	0.	4267.	0.	10.10	.00	9.60	.00	1.67	.4	2.80
64	4.730	1467.72	3.42	742.	11419.	742.	44.15	.81	40.27	.81	2.08	.5	2.72
93	5.460	1454.49	3.44	2074.	11076.	2074.	52.44	4.58	43.19	4.58	3.40	.5	4.49
125	7.450	1409.29	3.37	2884.	13927.	2884.	66.45	6.21	53.38	6.21	2.67	.4	4.29
140	8.480	1392.47	3.88	1425.	15171.	1425.	69.90	1.84	65.93	1.84	3.66	.6	4.47
164	10.290	1358.85	3.52	2305.	13213.	2305.	62.78	4.84	52.50	4.84	2.96	.5	3.85

FRDM= .56 IIFR= 140 FRM= .36 IIFM= 31

TT = 11.4001 DTH = .0200 ITERR = 0
QU(1) = 3904.27 YU(1) = 1583.41 QU(N) = 63195.39 YU(N) = 1358.86

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.41	2.59	0.	1506.	0.	3.90	.00	3.67	.00	.66	.4	1.21
24	1.640	1536.75	2.37	0.	4096.	0.	9.72	.00	9.13	.00	1.61	.4	2.75
64	4.730	1467.70	3.42	704.	11317.	704.	43.56	.76	39.71	.76	2.06	.5	2.70
93	5.460	1454.47	3.43	2044.	11008.	2044.	51.85	4.48	42.73	4.48	3.39	.5	4.47
125	7.450	1409.28	3.37	2863.	13885.	2863.	66.07	6.15	53.11	6.15	2.66	.4	4.28
140	8.480	1392.47	3.88	1425.	15171.	1425.	69.88	1.84	65.91	1.84	3.66	.6	4.47
164	10.290	1358.86	3.53	2327.	13261.	2327.	63.20	4.90	52.81	4.90	2.97	.5	3.86

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 30

TT = 11.4201 DTH = .0200 ITERR = 0
QU(1) = 3700.57 YU(1) = 1583.38 QU(N) = 63595.53 YU(N) = 1358.86

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.38	2.53	0.	1463.	0.	3.70	.00	3.49	.00	.63	.4	1.18
24	1.640	1536.70	2.38	0.	3944.	0.	9.37	.00	8.72	.00	1.57	.4	2.70
64	4.730	1467.69	3.42	669.	11218.	669.	42.98	.71	39.16	.71	2.04	.5	2.69
93	5.460	1454.46	3.43	2014.	10939.	2014.	51.28	4.39	42.28	4.39	3.38	.5	4.46
125	7.450	1409.27	3.36	2842.	13841.	2842.	65.66	6.09	52.82	6.09	2.65	.4	4.27
140	8.480	1392.47	3.88	1423.	15169.	1423.	69.83	1.83	65.87	1.83	3.66	.6	4.47
164	10.290	1358.86	3.53	2348.	13307.	2348.	63.60	4.96	53.12	4.96	2.98	.5	3.86

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 31

TT = 11.4401 DTH = .0200 ITERR = 0
QU(1) = 3496.86 YU(1) = 1583.34 QU(N) = 63986.80 YU(N) = 1358.87

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.34	2.46	0.	1420.	0.	3.50	.00	3.32	.00	.59	.4	1.14
24	1.640	1536.66	2.38	0.	3809.	0.	9.07	.00	8.37	.00	1.52	.4	2.66
64	4.730	1467.67	3.42	634.	11119.	634.	42.40	.66	38.61	.66	2.03	.5	2.67
93	5.460	1454.45	3.42	1983.	10867.	1983.	50.68	4.29	41.82	4.29	3.36	.5	4.45
125	7.450	1409.26	3.36	2819.	13795.	2819.	65.25	6.02	52.53	6.02	2.64	.4	4.26
140	8.480	1392.47	3.88	1420.	15163.	1420.	69.77	1.83	65.81	1.83	3.66	.6	4.47

164	10.290	1358.87	3.54	2368.	13352.	2368.	63.99	5.02	53.41	5.02	2.98	.5	3.87

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 32

TT = 11.4601 DTH = .0200 ITERR = 0
QU(1) = 3293.16 YU(1) = 1583.31 QU(N) = 64362.68 YU(N) = 1358.88

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.31	2.39	0.	1376.	0.	3.29	.00	3.15	.00	.56	.4	1.11
24	1.640	1536.62	2.39	0.	3693.	0.	8.81	.00	8.07	.00	1.49	.4	2.62
64	4.730	1467.65	3.42	600.	11018.	600.	41.81	.62	38.05	.62	2.01	.5	2.65
93	5.460	1454.44	3.41	1951.	10794.	1951.	50.07	4.19	41.34	4.19	3.35	.5	4.44
125	7.450	1409.25	3.35	2797.	13748.	2797.	64.81	5.96	52.22	5.96	2.63	.4	4.25
140	8.480	1392.46	3.87	1415.	15155.	1415.	69.69	1.82	65.73	1.82	3.65	.6	4.46
164	10.290	1358.88	3.54	2389.	13396.	2389.	64.36	5.08	53.70	5.08	2.99	.5	3.88

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 33

TT = 11.4801 DTH = .0200 ITERR = 0
QU(1) = 3089.45 YU(1) = 1583.28 QU(N) = 64732.38 YU(N) = 1358.89

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.28	2.32	0.	1333.	0.	3.09	.00	2.99	.00	.53	.4	1.08
24	1.640	1536.59	2.39	0.	3593.	0.	8.58	.00	7.82	.00	1.45	.4	2.59
64	4.730	1467.63	3.42	566.	10917.	566.	41.21	.57	37.49	.57	1.99	.5	2.63
93	5.460	1454.42	3.40	1919.	10718.	1919.	49.44	4.08	40.85	4.08	3.34	.5	4.42
125	7.450	1409.25	3.34	2773.	13701.	2773.	64.37	5.89	51.91	5.89	2.62	.4	4.25
140	8.480	1392.46	3.87	1409.	15144.	1409.	69.59	1.81	65.63	1.81	3.65	.6	4.46
164	10.290	1358.89	3.55	2408.	13439.	2408.	64.73	5.13	53.98	5.13	3.00	.5	3.89

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 33

TT = 11.5001 DTH = .0200 ITERR = 0
QU(1) = 2885.75 YU(1) = 1583.24 QU(N) = 65089.25 YU(N) = 1358.90

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.24	2.24	0.	1289.	0.	2.89	.00	2.83	.00	.49	.4	1.04
24	1.640	1536.56	2.39	0.	3506.	0.	8.38	.00	7.61	.00	1.42	.4	2.56
64	4.730	1467.61	3.42	533.	10815.	533.	40.61	.53	36.94	.53	1.97	.5	2.61
93	5.460	1454.41	3.39	1886.	10642.	1886.	48.80	3.98	40.36	3.98	3.32	.5	4.41
125	7.450	1409.24	3.34	2750.	13651.	2750.	63.92	5.83	51.60	5.83	2.62	.4	4.24
140	8.480	1392.46	3.87	1401.	15130.	1401.	69.47	1.80	65.52	1.80	3.65	.6	4.45
164	10.290	1358.90	3.55	2428.	13481.	2428.	65.09	5.19	54.25	5.19	3.01	.5	3.90

FRDM= .55 IIFR= 140 FRM= .37 IIFM= 34

TT = 11.5201 DTH = .0200 ITERR = 0
QU(1) = 2682.04 YU(1) = 1583.21 QU(N) = 65435.63 YU(N) = 1358.90

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.21	2.15	0.	1246.	0.	2.68	.00	2.67	.00	.46	.4	1.01
24	1.640	1536.53	2.39	0.	3430.	0.	8.19	.00	7.42	.00	1.40	.4	2.53

64	4.730	1467.59	3.41	501.	10712.	501.	39.99	.49	36.37	.49	1.95	.5	2.59
93	5.460	1454.39	3.37	1853.	10564.	1853.	48.15	3.88	39.87	3.88	3.31	.5	4.39
125	7.450	1409.23	3.33	2726.	13602.	2726.	63.48	5.76	51.29	5.76	2.61	.4	4.23
140	8.480	1392.46	3.87	1392.	15114.	1392.	69.33	1.79	65.38	1.79	3.65	.6	4.46
164	10.290	1358.90	3.55	2447.	13521.	2447.	65.44	5.24	54.52	5.24	3.01	.5	3.90

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 35

TT = 11.5401 DTH = .0200 ITERR = 0
QU(1) = 2478.34 YU(1) = 1583.16 QU(N) = 65774.89 YU(N) = 1358.91

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.16	2.10	0.	1181.	0.	2.48	.00	2.40	.00	.41	.4	.96
24	1.640	1536.51	2.39	0.	3363.	0.	8.03	.00	7.25	.00	1.37	.4	2.51
64	4.730	1467.57	3.41	469.	10607.	469.	39.37	.44	35.80	.44	1.93	.5	2.57
93	5.460	1454.38	3.36	1820.	10487.	1820.	47.52	3.78	39.39	3.78	3.30	.5	4.38
125	7.450	1409.22	3.32	2703.	13554.	2703.	63.04	5.70	50.99	5.70	2.60	.4	4.22
140	8.480	1392.45	3.87	1381.	15096.	1381.	69.17	1.77	65.22	1.77	3.64	.6	4.45
164	10.290	1358.91	3.56	2465.	13560.	2465.	65.77	5.29	54.78	5.29	3.02	.5	3.91

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 35

TT = 11.5601 DTH = .0200 ITERR = 0
QU(1) = 2274.63 YU(1) = 1583.10 QU(N) = 66094.25 YU(N) = 1358.92

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.10	2.07	0.	1101.	0.	2.27	.00	2.09	.00	.35	.4	.90
24	1.640	1536.49	2.38	0.	3302.	0.	7.87	.00	7.09	.00	1.35	.4	2.49
64	4.730	1467.55	3.41	438.	10501.	438.	38.74	.41	35.23	.41	1.91	.5	2.55
93	5.460	1454.37	3.35	1788.	10412.	1788.	46.90	3.68	38.92	3.68	3.28	.5	4.37
125	7.450	1409.21	3.32	2679.	13503.	2679.	62.58	5.63	50.67	5.63	2.59	.4	4.21
140	8.480	1392.45	3.87	1369.	15074.	1369.	68.99	1.75	65.05	1.75	3.64	.6	4.45
164	10.290	1358.92	3.56	2482.	13597.	2482.	66.09	5.34	55.02	5.34	3.03	.5	3.92

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 35

TT = 11.5801 DTH = .0200 ITERR = 0
QU(1) = 2070.93 YU(1) = 1583.03 QU(N) = 66401.87 YU(N) = 1358.92

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1583.03	2.04	0.	1014.	0.	2.07	.00	1.80	.00	.28	.4	.83
24	1.640	1536.47	2.38	0.	3245.	0.	7.72	.00	6.94	.00	1.33	.4	2.47
64	4.730	1467.54	3.40	408.	10394.	408.	38.11	.37	34.66	.37	1.89	.5	2.54
93	5.460	1454.35	3.34	1757.	10337.	1757.	46.29	3.59	38.46	3.59	3.27	.5	4.35
125	7.450	1409.20	3.31	2655.	13451.	2655.	62.10	5.56	50.33	5.56	2.58	.4	4.20
140	8.480	1392.45	3.87	1356.	15051.	1356.	68.79	1.73	64.86	1.73	3.64	.6	4.45
164	10.290	1358.92	3.56	2500.	13634.	2500.	66.40	5.39	55.26	5.39	3.04	.5	3.92

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 35

TT = 11.6001 DTH = .0200 ITERR = 0
QU(1) = 1867.22 YU(1) = 1582.95 QU(N) = 66707.69 YU(N) = 1358.93

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.95	2.05	0.	913.	0.	1.87	.00	1.50	.00	.20	.4	.75
24	1.640	1536.45	2.37	0.	3192.	0.	7.57	.00	6.80	.00	1.31	.4	2.45
64	4.730	1467.52	3.39	379.	10285.	379.	37.47	.33	34.09	.33	1.87	.5	2.52
93	5.460	1454.34	3.33	1726.	10263.	1726.	45.58	3.50	38.00	3.50	3.25	.5	4.34
125	7.450	1409.19	3.30	2629.	13397.	2629.	61.51	5.49	49.99	5.49	2.57	.4	4.19
140	8.480	1392.44	3.87	1342.	15025.	1342.	68.58	1.71	64.66	1.71	3.63	.6	4.44
164	10.290	1358.93	3.57	2516.	13669.	2516.	66.71	5.44	55.49	5.44	3.04	.5	3.93

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 32

TT = 11.6201 DTH = .0200 ITERR = 0
QU(1) = 1663.52 YU(1) = 1582.87 QU(N) = 66991.52 YU(N) = 1358.94

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.87	2.07	0.	805.	0.	1.66	.00	1.22	.00	.12	.5	.67
24	1.640	1536.43	2.37	0.	3141.	0.	7.43	.00	6.67	.00	1.29	.4	2.43
64	4.730	1467.50	3.39	350.	10177.	350.	36.82	.30	33.51	.30	1.85	.5	2.50
93	5.460	1454.33	3.32	1696.	10191.	1696.	45.09	3.41	37.56	3.41	3.24	.5	4.33
125	7.450	1409.18	3.29	2604.	13342.	2604.	61.11	5.42	49.65	5.42	2.56	.4	4.18
140	8.480	1392.44	3.87	1326.	14997.	1326.	68.35	1.69	64.43	1.69	3.53	.6	4.44
164	10.290	1358.94	3.57	2532.	13702.	2532.	66.99	5.48	55.71	5.48	3.05	.5	3.94

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 3

TT = 11.6401 DTH = .0200 ITERR = 0
QU(1) = 1459.81 YU(1) = 1582.79 QU(N) = 67264.94 YU(N) = 1358.94

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	2.10	0.	696.	0.	1.46	.00	.96	.00	.04	.5	.59
24	1.640	1536.41	2.36	0.	3092.	0.	7.29	.00	6.54	.00	1.28	.4	2.41
64	4.730	1467.48	3.38	322.	10066.	322.	36.17	.27	32.94	.27	1.83	.5	2.48
93	5.460	1454.31	3.31	1667.	10121.	1667.	44.51	3.32	37.14	3.32	3.23	.5	4.31
125	7.450	1409.17	3.29	2578.	13287.	2578.	60.60	5.35	49.30	5.35	2.55	.4	4.17
140	8.480	1392.43	3.87	1309.	14966.	1309.	68.11	1.67	64.20	1.67	3.52	.6	4.43
164	10.290	1358.94	3.57	2547.	13734.	2547.	67.26	5.53	55.92	5.53	3.05	.5	3.94

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 32

TT = 11.6601 DTH = .0200 ITERR = 0
QU(1) = 1256.11 YU(1) = 1582.79 QU(N) = 67521.29 YU(N) = 1358.95

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.80	0.	696.	0.	1.26	.00	.83	.00	.04	.4	.59
24	1.640	1536.39	2.35	0.	3044.	0.	7.15	.00	6.42	.00	1.26	.4	2.39
64	4.730	1467.46	3.37	296.	9955.	296.	35.51	.24	32.36	.24	1.81	.5	2.46
93	5.460	1454.30	3.30	1639.	10052.	1639.	43.95	3.24	36.72	3.24	3.22	.5	4.30
125	7.450	1409.16	3.28	2552.	13231.	2552.	60.10	5.28	48.96	5.28	2.54	.4	4.16
140	8.480	1392.42	3.87	1292.	14934.	1292.	67.85	1.64	63.95	1.64	3.61	.6	4.42
164	10.290	1358.95	3.57	2562.	13765.	2562.	67.52	5.57	56.12	5.57	3.06	.5	3.95

FRDM= .55 IIFR= 140 FRM= .38 IIFM= 32

TT = 11.6801 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 67763.67 YU(N) = 1358.95

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.38	2.34	0.	2997.	0.	7.02	.00	6.29	.00	1.24	.4	2.38
64	4.730	1467.44	3.36	270.	9844.	270.	34.84	.21	31.79	.21	1.79	.5	2.44
93	5.460	1454.29	3.29	1611.	9983.	1611.	43.38	3.16	36.31	3.16	3.20	.5	4.29
125	7.450	1409.15	3.27	2526.	13174.	2526.	59.59	5.21	48.61	5.21	2.53	.4	4.15
140	8.480	1392.42	3.87	1273.	14898.	1273.	67.56	1.61	63.67	1.61	3.51	.5	4.42
164	10.290	1358.95	3.58	2577.	13797.	2577.	67.76	5.61	56.31	5.61	3.06	.5	3.95

FRDM= .55 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.7001 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68003.23 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.36	2.33	0.	2952.	0.	6.89	.00	6.18	.00	1.22	.4	2.36
64	4.730	1467.41	3.34	245.	9732.	245.	34.18	.19	31.21	.19	1.77	.5	2.41
93	5.460	1454.28	3.27	1583.	9915.	1583.	42.82	3.08	35.89	3.08	3.19	.5	4.28
125	7.450	1409.14	3.26	2501.	13120.	2501.	59.10	5.14	48.28	5.14	2.52	.4	4.14
140	8.480	1392.41	3.87	1254.	14863.	1254.	67.28	1.59	63.40	1.59	3.60	.5	4.41
164	10.290	1358.96	3.58	2591.	13826.	2591.	68.00	5.65	56.49	5.65	3.07	.5	3.96

FRDM= .55 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.7201 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68222.33 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.34	2.32	0.	2907.	0.	6.75	.00	6.06	.00	1.21	.4	2.34
64	4.730	1467.39	3.33	222.	9619.	222.	33.50	.16	30.64	.16	1.75	.5	2.39
93	5.460	1454.26	3.26	1556.	9847.	1556.	42.26	3.00	35.48	3.00	3.18	.5	4.26
125	7.450	1409.13	3.25	2477.	13067.	2477.	58.63	5.08	47.96	5.08	2.51	.4	4.13
140	8.480	1392.40	3.87	1235.	14826.	1235.	66.99	1.56	63.12	1.56	3.59	.5	4.40
164	10.290	1358.96	3.58	2604.	13853.	2604.	68.22	5.68	56.66	5.68	3.08	.5	3.96

FRDM= .55 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.7401 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68419.49 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.33	2.31	0.	2864.	0.	6.62	.00	5.95	.00	1.19	.4	2.33
64	4.730	1467.37	3.32	199.	9504.	199.	32.83	.14	30.06	.14	1.73	.5	2.37
93	5.460	1454.25	3.25	1529.	9780.	1529.	41.71	2.92	35.08	2.92	3.17	.5	4.25
125	7.450	1409.12	3.25	2453.	13014.	2453.	58.16	5.01	47.64	5.01	2.50	.4	4.12
140	8.480	1392.40	3.87	1215.	14785.	1215.	66.67	1.53	62.82	1.53	3.59	.5	4.40

164	10.290	1358.97	3.58	2616.	13877.	2616.	68.42	5.72	56.82	5.72	3.08	.5	3.97

FRDM= .55 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.7601 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68600.70 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.31	2.30	0.	2821.	0.	6.49	.00	5.84	.00	1.17	.4	2.31
64	4.730	1467.35	3.30	177.	9390.	177.	32.15	.12	29.49	.12	1.71	.5	2.35
93	5.460	1454.24	3.24	1502.	9713.	1502.	41.15	2.84	34.68	2.84	3.15	.5	4.24
125	7.450	1409.11	3.24	2429.	12961.	2429.	57.68	4.95	47.32	4.95	2.49	.4	4.11
140	8.480	1392.39	3.87	1193.	14742.	1193.	66.33	1.50	62.49	1.50	3.58	.5	4.39
164	10.290	1358.97	3.58	2626.	13899.	2626.	68.60	5.75	56.96	5.75	3.08	.5	3.97

FRDM= .55 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.7801 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68768.29 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.29	2.29	0.	2780.	0.	6.37	.00	5.73	.00	1.16	.4	2.29
64	4.730	1467.33	3.28	157.	9275.	157.	31.46	.10	28.92	.10	1.69	.5	2.33
93	5.460	1454.23	3.22	1475.	9645.	1475.	40.59	2.77	34.28	2.77	3.14	.5	4.23
125	7.450	1409.10	3.23	2405.	12907.	2405.	57.20	4.89	47.00	4.89	2.48	.4	4.10
140	8.480	1392.38	3.87	1170.	14695.	1170.	65.96	1.47	62.13	1.47	3.57	.5	4.38
164	10.290	1358.98	3.58	2636.	13919.	2636.	68.77	5.78	57.09	5.78	3.09	.5	3.98

FRDM= .55 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.8001 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68920.77 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.28	2.28	0.	2740.	0.	6.24	.00	5.63	.00	1.14	.4	2.28
64	4.730	1467.31	3.26	138.	9160.	138.	30.78	.09	28.35	.09	1.67	.5	2.31
93	5.460	1454.21	3.21	1447.	9577.	1447.	40.02	2.69	33.87	2.69	3.13	.5	4.21
125	7.450	1409.09	3.22	2381.	12854.	2381.	56.71	4.82	46.67	4.82	2.47	.4	4.09
140	8.480	1392.37	3.87	1146.	14646.	1146.	65.57	1.44	61.76	1.44	3.56	.5	4.37
164	10.290	1358.98	3.58	2645.	13938.	2645.	68.92	5.80	57.21	5.80	3.09	.5	3.98

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.8201 DTH = .0200 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69062.49 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.26	2.27	0.	2701.	0.	6.12	.00	5.53	.00	1.13	.4	2.26

64	4.730	1467.29	3.24	120.	9044.	120.	30.09	.07	27.79	.07	1.65	.5	2.29
93	5.460	1454.20	3.19	1420.	9509.	1420.	39.45	2.62	33.47	2.62	3.12	.5	4.20
125	7.450	1409.08	3.21	2357.	12799.	2357.	56.22	4.76	46.34	4.76	2.46	.4	4.08
140	8.480	1392.36	3.87	1121.	14594.	1121.	65.16	1.40	61.38	1.40	3.55	.5	4.36
164	10.290	1358.98	3.59	2654.	13956.	2654.	69.06	5.83	57.32	5.83	3.09	.5	3.98

FROM= .54 IIFR= 140 FRM= .36 IIFM= 1

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 16 17 18 19 20 21

TT= 11.8201 DTH= .0200 ITERR= 9

TT = 11.8301 DTH = .0100 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69119.74 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.25	2.26	0.	2681.	0.	6.06	.00	5.48	.00	1.12	.4	2.25
64	4.730	1467.28	3.23	111.	8986.	111.	29.74	.07	27.51	.07	1.64	.5	2.28
93	5.460	1454.20	3.19	1407.	9474.	1407.	39.17	2.58	33.27	2.58	3.11	.5	4.20
125	7.450	1409.08	3.21	2345.	12772.	2345.	55.98	4.73	46.18	4.73	2.46	.4	4.08
140	8.480	1392.36	3.87	1108.	14567.	1108.	64.95	1.39	61.18	1.39	3.55	.5	4.36
164	10.290	1358.98	3.58	2658.	13965.	2658.	69.12	5.84	57.36	5.84	3.10	.5	3.98

FROM= .54 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.8401 DTH = .0100 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69173.03 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.25	2.25	0.	2661.	0.	6.00	.00	5.43	.00	1.11	.4	2.25
64	4.730	1467.27	3.22	103.	8928.	103.	29.40	.06	27.23	.06	1.63	.5	2.27
93	5.460	1454.19	3.18	1393.	9440.	1393.	38.89	2.54	33.07	2.54	3.11	.5	4.19
125	7.450	1409.07	3.20	2333.	12745.	2333.	55.73	4.69	46.02	4.69	2.45	.4	4.07
140	8.480	1392.35	3.87	1095.	14540.	1095.	64.74	1.37	60.97	1.37	3.54	.5	4.35
164	10.290	1358.99	3.58	2662.	13973.	2662.	69.17	5.85	57.40	5.85	3.10	.5	3.99

FROM= .54 IIFR= 140 FRM= .36 IIFM= 1

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 14 15 16 17 18 19

TT= 11.8401 DTH= .0200 ITERR= 9

TT = 11.8501 DTH = .0100 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69221.38 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.24	2.25	0.	2642.	0.	5.94	.00	5.39	.00	1.10	.4	2.24
64	4.730	1467.26	3.21	95.	8871.	95.	29.06	.05	26.96	.05	1.62	.5	2.26
93	5.460	1454.18	3.17	1380.	9406.	1380.	38.61	2.51	32.87	2.51	3.10	.5	4.18
125	7.450	1409.07	3.20	2321.	12717.	2321.	55.48	4.66	45.85	4.66	2.45	.4	4.07
140	8.480	1392.35	3.87	1082.	14511.	1082.	64.52	1.35	60.76	1.35	3.54	.5	4.35

164	10.290	1358.99	3.58	2666.	13980.	2666.	69.22	5.86	57.44	5.86	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.8601 DTH = .0100 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69268.79 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.23	2.24	0.	2624.	0.	5.88	.00	5.34	.00	1.10	.4	2.23
64	4.730	1467.25	3.19	88.	8814.	88.	28.72	.05	26.69	.05	1.61	.5	2.25
93	5.460	1454.18	3.17	1367.	9372.	1367.	38.32	2.47	32.67	2.47	3.09	.5	4.18
125	7.450	1409.06	3.19	2309.	12690.	2309.	55.24	4.63	45.69	4.63	2.44	.4	4.06
140	8.480	1392.34	3.87	1069.	14483.	1069.	64.29	1.34	60.55	1.34	3.53	.5	4.34
164	10.290	1358.99	3.58	2669.	13986.	2669.	69.27	5.86	57.48	5.86	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 6 15 16 17 18 19
TT= 11.8601 DTH= .0200 ITERR= 9

TT = 11.8701 DTH = .0100 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69310.59 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.22	2.23	0.	2606.	0.	5.82	.00	5.30	.00	1.09	.4	2.22
64	4.730	1467.24	3.18	81.	8758.	81.	28.38	.04	26.42	.04	1.60	.5	2.24
93	5.460	1454.17	3.16	1353.	9336.	1353.	38.03	2.43	32.46	2.43	3.09	.5	4.17
125	7.450	1409.06	3.19	2297.	12662.	2297.	54.98	4.60	45.52	4.60	2.44	.4	4.06
140	8.480	1392.34	3.87	1056.	14453.	1056.	64.07	1.32	60.34	1.32	3.53	.5	4.34
164	10.290	1358.99	3.58	2672.	13992.	2672.	69.31	5.87	57.51	5.87	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 3 4
TT= 11.8701 DTH= .0100 ITERR= 9

TT = 11.8751 DTH = .0050 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69328.41 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.22	2.23	0.	2597.	0.	5.80	.00	5.28	.00	1.08	.4	2.22
64	4.730	1467.23	3.18	77.	8729.	77.	28.21	.04	26.28	.04	1.59	.5	2.23
93	5.460	1454.17	3.15	1346.	9319.	1346.	37.88	2.41	32.36	2.41	3.08	.5	4.17
125	7.450	1409.05	3.18	2290.	12648.	2290.	54.86	4.58	45.44	4.58	2.43	.4	4.05
140	8.480	1392.33	3.87	1049.	14438.	1049.	63.95	1.31	60.23	1.31	3.52	.5	4.33
164	10.290	1358.99	3.58	2673.	13996.	2673.	69.33	5.88	57.52	5.88	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.8801 DTH = .0050 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69348.18 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.22	2.23	0.	2589.	0.	5.77	.00	5.26	.00	1.08	.4	2.22
64	4.730	1467.23	3.17	74.	8701.	74.	28.04	.04	26.15	.04	1.59	.5	2.23
93	5.460	1454.16	3.15	1339.	9301.	1339.	37.74	2.39	32.26	2.39	3.08	.5	4.16
125	7.450	1409.05	3.18	2284.	12634.	2284.	54.73	4.57	45.35	4.57	2.43	.4	4.05
140	8.480	1392.33	3.87	1043.	14423.	1043.	63.84	1.30	60.12	1.30	3.52	.5	4.33
164	10.290	1358.99	3.58	2675.	13998.	2675.	69.35	5.88	57.54	5.88	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 15 16 17
TT= 11.8801 DTH= .0200 ITERR= 9

TT = 11.8901 DTH = .0100 ITERR = 5
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69382.57 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.21	2.22	0.	2572.	0.	5.72	.00	5.22	.00	1.07	.4	2.21
64	4.730	1467.22	3.16	67.	8645.	67.	27.71	.03	25.89	.03	1.58	.5	2.22
93	5.460	1454.16	3.14	1325.	9265.	1325.	37.44	2.36	32.05	2.36	3.07	.5	4.16
125	7.450	1409.05	3.18	2272.	12606.	2272.	54.48	4.53	45.19	4.53	2.43	.4	4.05
140	8.480	1392.33	3.87	1030.	14393.	1030.	63.60	1.29	59.90	1.29	3.52	.5	4.33
164	10.290	1358.99	3.58	2677.	14002.	2677.	69.38	5.88	57.56	5.88	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1

TT = 11.9001 DTH = .0100 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69411.45 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.20	2.22	0.	2555.	0.	5.66	.00	5.17	.00	1.07	.4	2.20
64	4.730	1467.21	3.14	61.	8589.	61.	27.38	.03	25.63	.03	1.57	.5	2.21
93	5.460	1454.15	3.13	1311.	9229.	1311.	37.15	2.32	31.84	2.32	3.07	.5	4.15
125	7.450	1409.04	3.17	2260.	12578.	2260.	54.23	4.50	45.02	4.50	2.42	.4	4.04
140	8.480	1392.32	3.86	1016.	14362.	1016.	63.36	1.27	59.68	1.27	3.51	.5	4.32
164	10.290	1358.99	3.58	2679.	14006.	2679.	69.41	5.89	57.59	5.89	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 1
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 16 17 18
TT= 11.9001 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 16 17.
TT= 11.9001 DTH= .0100 ITERR= 9

TT = 11.9026 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 59413.41 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.20	2.21	0.	2551.	0.	5.64	.00	5.16	.00	1.07	.4	2.20
64	4.730	1467.20	3.14	60.	8575.	60.	27.29	.03	25.56	.03	1.56	.5	2.20
93	5.460	1454.15	3.13	1308.	9220.	1308.	37.07	2.31	31.79	2.31	3.07	.5	4.15
125	7.450	1409.04	3.17	2257.	12572.	2257.	54.16	4.49	44.98	4.49	2.42	.4	4.04
140	8.480	1392.32	3.86	1013.	14354.	1013.	63.31	1.27	59.62	1.27	3.51	.5	4.32
164	10.290	1358.99	3.58	2679.	14008.	2679.	69.41	5.89	57.59	5.89	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 7
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 15 16 17
TT= 11.9026 DTH= .0175 ITERR= 9

TT = 11.9113 DTH = .0088 ITERR = 3
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 59434.59 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.19	2.20	0.	2534.	0.	5.59	.00	5.12	.00	1.06	.4	2.19
64	4.730	1467.20	3.13	55.	8528.	55.	27.00	.03	25.34	.03	1.55	.5	2.20
93	5.460	1454.14	3.12	1296.	9190.	1296.	36.82	2.28	31.61	2.28	3.06	.5	4.14
125	7.450	1409.04	3.17	2247.	12547.	2247.	53.94	4.47	44.83	4.47	2.42	.4	4.04
140	8.480	1392.31	3.86	1001.	14327.	1001.	63.09	1.25	59.42	1.25	3.50	.5	4.31
164	10.290	1358.99	3.58	2681.	14010.	2681.	69.43	5.89	57.60	5.89	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .35 IIFM= 6

TT = 11.9201 DTH = .0088 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 59451.98 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.19	2.20	0.	2518.	0.	5.54	.00	5.08	.00	1.05	.4	2.19
64	4.730	1467.19	3.11	50.	8481.	50.	26.72	.02	25.12	.02	1.55	.5	2.19
93	5.460	1454.14	3.12	1284.	9159.	1284.	36.57	2.25	31.44	2.25	3.05	.5	4.14
125	7.450	1409.03	3.16	2236.	12522.	2236.	53.72	4.44	44.68	4.44	2.41	.4	4.03
140	8.480	1392.31	3.86	990.	14299.	990.	62.88	1.24	59.22	1.24	3.50	.5	4.31
164	10.290	1358.99	3.58	2682.	14013.	2682.	69.45	5.90	57.62	5.90	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .34 IIFM= 7
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 16
TT= 11.9201 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 16
TT= 11.9201 DTH= .0100 ITERR= 9

TT = 11.9226 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69453.64 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.18	2.19	0.	2512.	0.	5.51	.00	5.06	.00	1.05	.4	2.18
64	4.730	1467.18	3.11	49.	8467.	49.	26.64	.02	25.06	.02	1.54	.5	2.19
93	5.460	1454.14	3.12	1281.	9151.	1281.	36.50	2.24	31.40	2.24	3.05	.5	4.14
125	7.450	1409.03	3.16	2233.	12515.	2233.	53.65	4.43	44.64	4.43	2.41	.4	4.03
140	8.480	1392.31	3.86	986.	14291.	986.	62.82	1.23	59.16	1.23	3.50	.5	4.31
164	10.290	1358.99	3.58	2683.	14014.	2683.	69.45	5.90	57.62	5.90	3.10	.5	3.99

FRDM= .54 IIFR= 140 FRM= .36 IIFM= 7
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 16 17
TT= 11.9226 DTH= .0175 ITERR= 9

TT = 11.9313 DTH = .0088 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69469.38 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.18	2.19	0.	2500.	0.	5.48	.00	5.04	.00	1.04	.4	2.18
64	4.730	1467.18	3.10	44.	8421.	44.	26.37	.02	24.84	.02	1.54	.5	2.18
93	5.460	1454.13	3.11	1269.	9120.	1269.	36.24	2.21	31.22	2.21	3.05	.5	4.13
125	7.450	1409.03	3.16	2222.	12490.	2222.	53.43	4.40	44.49	4.40	2.40	.4	4.03
140	8.480	1392.30	3.86	974.	14262.	974.	62.60	1.22	58.96	1.22	3.49	.5	4.30
164	10.290	1358.99	3.58	2684.	14016.	2684.	69.47	5.90	57.63	5.90	3.10	.5	3.99

FRDM= .53 IIFR= 140 FRM= .36 IIFM= 6
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 7 8 19 20 21
TT= 11.9313 DTH= .0088 ITERR= 9

TT = 11.9357 DTH = .0044 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69472.72 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.17	2.18	0.	2489.	0.	5.43	.00	5.00	.00	1.04	.4	2.17
64	4.730	1467.17	3.09	42.	8398.	42.	26.23	.02	24.74	.02	1.53	.5	2.17
93	5.460	1454.13	3.11	1263.	9104.	1263.	36.11	2.19	31.13	2.19	3.04	.5	4.13
125	7.450	1409.02	3.15	2216.	12477.	2216.	53.31	4.39	44.42	4.39	2.40	.4	4.02
140	8.480	1392.30	3.86	969.	14248.	969.	62.49	1.21	58.86	1.21	3.49	.5	4.30
164	10.290	1358.99	3.58	2684.	14017.	2684.	69.47	5.90	57.63	5.90	3.10	.5	3.99

FRDM= .53 IIFR= 140 FRM= .34 IIFM= 7

TT = 11.9401 DTH = .0044 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69474.91 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.17	2.19	0.	2487.	0.	5.45	.00	5.01	.00	1.04	.4	2.17
64	4.730	1467.17	3.09	40.	8376.	40.	26.10	.02	24.63	.02	1.53	.5	2.17
93	5.460	1454.13	3.10	1257.	9089.	1257.	35.99	2.18	31.04	2.18	3.04	.5	4.13
125	7.450	1409.02	3.15	2211.	12465.	2211.	53.20	4.37	44.34	4.37	2.40	.4	4.02
140	8.480	1392.30	3.86	963.	14233.	963.	62.38	1.20	58.75	1.20	3.49	.5	4.30
164	10.290	1358.99	3.58	2684.	14018.	2684.	69.47	5.90	57.64	5.90	3.11	.5	3.99

FRDM= .53 IIFR= 140 FRM= .35 IIFM= 8

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 16

TT= 11.9401 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 11.9401 DTH= .0100 ITERR= 9

TT = 11.9426 DTH = .0025 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69476.17 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.17	2.19	0.	2483.	0.	5.43	.00	5.00	.00	1.04	.4	2.17
64	4.730	1467.17	3.08	39.	8362.	39.	26.02	.02	24.58	.02	1.52	.5	2.17
93	5.460	1454.12	3.10	1254.	9080.	1254.	35.91	2.17	30.99	2.17	3.04	.5	4.12
125	7.450	1409.02	3.15	2208.	12457.	2208.	53.13	4.37	44.30	4.37	2.40	.4	4.02
140	8.480	1392.30	3.86	959.	14225.	959.	62.31	1.20	58.69	1.20	3.49	.5	4.30
164	10.290	1358.99	3.58	2685.	14018.	2685.	69.48	5.90	57.64	5.90	3.11	.5	3.99

FRDM= .53 IIFR= 140 FRM= .35 IIFM= 7

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 17

TT= 11.9426 DTH= .0175 ITERR= 9

TT = 11.9513 DTH = .0088 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69484.89 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.16	2.17	0.	2465.	0.	5.35	.00	4.94	.00	1.03	.4	2.16
64	4.730	1467.16	3.07	35.	8317.	35.	25.75	.01	24.37	.01	1.52	.5	2.16
93	5.460	1454.12	3.09	1242.	9049.	1242.	35.65	2.14	30.81	2.14	3.03	.5	4.12
125	7.450	1409.01	3.14	2198.	12433.	2198.	52.91	4.34	44.15	4.34	2.39	.4	4.02
140	8.480	1392.29	3.86	947.	14196.	947.	62.09	1.19	58.49	1.19	3.48	.5	4.29
164	10.290	1358.99	3.58	2685.	14019.	2685.	69.48	5.91	57.64	5.91	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 8

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 6 7 8 9 20

TT= 11.9513 DTH= .0088 ITERR= 9

TT = 11.9557 DTH = .0044 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69484.56 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.17	2.19	0.	2469.	0.	5.40	.00	4.99	.00	1.03	.4	2.17
64	4.730	1467.15	3.06	34.	8295.	34.	25.62	.01	24.27	.01	1.51	.5	2.15
93	5.460	1454.12	3.09	1236.	9033.	1236.	35.52	2.12	30.72	2.12	3.03	.5	4.12
125	7.450	1409.01	3.14	2192.	12420.	2192.	52.79	4.33	44.08	4.33	2.39	.4	4.01
140	8.480	1392.29	3.86	942.	14181.	942.	61.98	1.18	58.38	1.18	3.48	.5	4.29
164	10.290	1358.99	3.58	2685.	14020.	2685.	69.48	5.91	57.64	5.91	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 7

TT = 11.9601 DTH = .0044 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69485.09 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.16	2.16	0.	2452.	0.	5.30	.00	4.90	.00	1.02	.4	2.16
64	4.730	1467.15	3.06	32.	8273.	32.	25.49	.01	24.17	.01	1.51	.5	2.15
93	5.460	1454.11	3.08	1230.	9017.	1230.	35.39	2.11	30.63	2.11	3.03	.5	4.11
125	7.450	1409.01	3.14	2187.	12407.	2187.	52.68	4.31	44.00	4.31	2.39	.4	4.01
140	8.480	1392.28	3.86	936.	14166.	936.	61.87	1.17	58.28	1.17	3.47	.5	4.28
164	10.290	1358.99	3.58	2686.	14020.	2686.	69.49	5.91	57.64	5.91	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .34 IIFM= 8

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 11.9601 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 11.9601 DTH= .0100 ITERR= 9

TT = 11.9626 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69484.79 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.16	2.18	0.	2459.	0.	5.37	.00	4.96	.00	1.03	.4	2.16
64	4.730	1467.15	3.05	31.	8260.	31.	25.41	.01	24.11	.01	1.51	.5	2.15
93	5.460	1454.11	3.08	1226.	9008.	1226.	35.31	2.10	30.57	2.10	3.03	.5	4.11
125	7.450	1409.01	3.14	2184.	12400.	2184.	52.61	4.30	43.96	4.30	2.39	.4	4.01
140	8.480	1392.28	3.86	933.	14158.	933.	61.81	1.17	58.22	1.17	3.47	.5	4.28
164	10.290	1358.99	3.58	2686.	14020.	2686.	69.48	5.91	57.64	5.91	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 11.9626 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 11.9626 DTH= .0088 ITERR= 9

TT = 11.9648 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69484.48 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.16	2.16	0.	2444.	0.	5.27	.00	4.87	.00	1.02	.4	2.16
64	4.730	1467.15	3.05	30.	8250.	30.	25.35	.01	24.06	.01	1.50	.5	2.15
93	5.460	1454.11	3.08	1223.	9000.	1223.	35.24	2.09	30.53	2.09	3.03	.5	4.11
125	7.450	1409.01	3.14	2181.	12394.	2181.	52.56	4.30	43.92	4.30	2.39	.4	4.01
140	8.480	1392.28	3.86	930.	14151.	930.	61.75	1.17	58.17	1.17	3.47	.5	4.28
164	10.290	1358.99	3.58	2686.	14020.	2686.	69.48	5.91	57.64	5.91	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 34
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 11.9648 DTH= .0153 ITERR= 9

TT = 11.9724 DTH = .0077 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69480.96 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.16	2.18	0.	2450.	0.	5.35	.00	4.95	.00	1.02	.4	2.16
64	4.730	1467.14	3.04	27.	8212.	27.	25.12	.01	23.89	.01	1.50	.5	2.14
93	5.460	1454.10	3.07	1212.	8971.	1212.	35.01	2.06	30.37	2.06	3.02	.5	4.10
125	7.450	1409.00	3.13	2171.	12371.	2171.	52.35	4.27	43.79	4.27	2.38	.4	4.00
140	8.480	1392.28	3.86	919.	14124.	919.	61.55	1.15	57.98	1.15	3.47	.5	4.28
164	10.290	1358.99	3.58	2686.	14020.	2686.	69.48	5.91	57.64	5.91	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 33
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 6 7 8 9 10
TT= 11.9724 DTH= .0077 ITERR= 9

TT = 11.9763 DTH = .0038 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69476.88 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.15	2.15	0.	2433.	0.	5.24	.00	4.86	.00	1.02	.4	2.15
64	4.730	1467.14	3.03	26.	8193.	26.	25.01	.01	23.81	.01	1.49	.5	2.14
93	5.460	1454.10	3.07	1207.	8957.	1207.	34.89	2.05	30.29	2.05	3.02	.5	4.10
125	7.450	1409.00	3.13	2166.	12359.	2166.	52.25	4.26	43.72	4.26	2.38	.4	4.00
140	8.480	1392.27	3.86	914.	14111.	914.	61.45	1.15	57.89	1.15	3.46	.5	4.27
164	10.290	1358.99	3.58	2685.	14020.	2685.	69.48	5.90	57.64	5.90	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 34

TT = 11.9801 DTH = .0038 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69470.81 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.15	2.17	0.	2438.	0.	5.30	.00	4.91	.00	1.02	.4	2.15
64	4.730	1467.13	3.03	25.	8175.	25.	24.90	.01	23.72	.01	1.49	.5	2.13
93	5.460	1454.10	3.06	1201.	8943.	1201.	34.77	2.03	30.20	2.03	3.01	.5	4.10
125	7.450	1409.00	3.13	2162.	12349.	2162.	52.15	4.25	43.65	4.25	2.38	.4	4.00
140	8.480	1392.27	3.85	909.	14098.	909.	51.35	1.14	57.80	1.14	3.46	.5	4.27
164	10.290	1358.99	3.58	2685.	14019.	2685.	69.47	5.90	57.63	5.90	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 10

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 11.9801 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 11.9801 DTH= .0100 ITERR= 9

TT = 11.9826 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69468.36 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.15	2.17	0.	2434.	0.	5.27	.00	4.89	.00	1.02	.4	2.15
64	4.730	1467.13	3.02	24.	8163.	24.	24.83	.01	23.67	.01	1.49	.5	2.13
93	5.460	1454.10	3.06	1198.	8933.	1198.	34.69	2.02	30.15	2.02	3.01	.5	4.10
125	7.450	1409.00	3.13	2159.	12341.	2159.	52.08	4.24	43.60	4.24	2.38	.4	4.00
140	8.480	1392.27	3.85	906.	14089.	906.	61.29	1.14	57.74	1.14	3.46	.5	4.27
164	10.290	1358.99	3.58	2685.	14018.	2685.	69.47	5.90	57.63	5.90	3.11	.5	3.99

FRDM= .53 IIFR= 141 FRM= .36 IIFM= 34

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 11.9826 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 11.9826 DTH= .0088 ITERR= 9

TT = 11.9848 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69466.97 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.15	2.15	0.	2423.	0.	5.20	.00	4.83	.00	1.01	.4	2.15
64	4.730	1467.13	3.02	23.	8152.	23.	24.77	.01	23.62	.01	1.49	.5	2.13
93	5.460	1454.10	3.06	1195.	8925.	1195.	34.62	2.02	30.10	2.02	3.01	.5	4.10
125	7.450	1409.00	3.13	2156.	12335.	2156.	52.03	4.23	43.56	4.23	2.38	.4	4.00
140	8.480	1392.27	3.85	903.	14082.	903.	61.23	1.14	57.68	1.14	3.46	.5	4.27

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164     10.290  1358.99     3.58     2684.    14018.     2684.     69.47     5.90     57.63     5.90     3.11    .5     3.99
        FRDM=     .53  IIFR=  141  FRM= .36 IIFM=   35
                                   NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2    3    4    5    6    7    8    9   10
                                                TT=   11.9848    DTH=    .0153    ITERR= 9


        TT =  11.9924          DTH =   .0077          ITERR =   1
        QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   69447.73  YU(N) =    1358.99

  I     X(I)      Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ****** ********
  1      .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04    .4      .59
 24     1.640  1536.15     2.18       0.    2431.       0.     5.29      .00     4.91      .00     1.01    .4     2.15
 64     4.730  1467.12     3.01      21.    8117.      21.    24.55      .01    23.46      .01     1.48    .5     2.12
 93     5.460  1454.09     3.05    1184.    8896.    1184.    34.39     1.99    29.94     1.99     3.01    .5     4.09
125     7.450  1408.99     3.12    2146.   12311.    2146.    51.84     4.20    43.40     4.20     2.37    .4     3.99
140     8.480  1392.26     3.85     893.   14055.     893.    61.03     1.13    57.50     1.13     3.45    .5     4.26
164    10.290  1358.99     3.58    2684.   14016.    2684.    69.46     5.90    57.61     5.90     3.10    .5     3.99
        FRDM=     .53  IIFR=  141  FRM= .36 IIFM=   34
                                   NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1    2    3    4    6    7    8    9   10
                                                TT=   11.9924    DTH=    .0077    ITERR= 9


        TT =  11.9963          DTH =   .0038          ITERR =   1
        QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   69440.04  YU(N) =    1358.99

  I     X(I)      Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ****** ********
  1      .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04    .4      .59
 24     1.640  1536.14     2.14       0.    2413.       0.     5.17      .00     4.81      .00     1.01    .4     2.14
 64     4.730  1467.12     3.00      20.    8099.      20.    24.45      .01    23.38      .01     1.48    .5     2.12
 93     5.460  1454.09     3.05    1179.    8883.    1179.    34.28     1.98    29.87     1.98     3.00    .5     4.09
125     7.450  1408.99     3.12    2141.   12300.    2141.    51.75     4.19    43.32     4.19     2.37    .4     3.99
140     8.480  1392.26     3.85     888.   14041.     888.    60.93     1.12    57.40     1.12     3.45    .5     4.26
164    10.290  1358.99     3.58    2683.   14016.    2683.    69.44     5.90    57.61     5.90     3.10    .5     3.99
        FRDM=     .53  IIFR=  142  FRM= .36 IIFM=   34


        TT =  12.0001          DTH =   .0038          ITERR =   1
        QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   69431.63  YU(N) =    1358.99

  I     X(I)      Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ****** ********
  1      .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04    .4      .59
 24     1.640  1536.14     2.16       0.    2418.       0.     5.23      .00     4.86      .00     1.01    .4     2.14
 64     4.730  1467.11     3.00      19.    8082.      19.    24.34      .01    23.30      .01     1.47    .5     2.11
 93     5.460  1454.09     3.05    1174.    8869.    1174.    34.17     1.96    29.79     1.96     3.00    .5     4.09
125     7.450  1408.99     3.12    2136.   12288.    2136.    51.65     4.18    43.25     4.18     2.37    .4     3.99
140     8.480  1392.26     3.85     883.   14028.     883.    60.83     1.11    57.31     1.11     3.45    .5     4.26
164    10.290  1358.99     3.58    2683.   14015.    2683.    69.43     5.90    57.60     5.90     3.10    .5     3.99
        FRDM=     .53  IIFR=  142  FRM= .35 IIFM=   10
                                   NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2    3    4    5    6    7    8    9   10
                                                TT=   12.0001    DTH=    .0200    ITERR= 9
```

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0001 DTH= .0100 ITERR= 9

TT = 12.0026 . DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69428.48 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.14	2.16	0.	2416.	0.	5.22	.00	4.85	.00	1.01	.4	2.14
64	4.730	1467.11	2.99	18.	8070.	18.	24.28	.01	23.25	.01	1.47	.5	2.11
93	5.460	1454.08	3.04	1170.	8860.	1170.	34.09	1.95	29.75	1.95	3.00	.5	4.03
125	7.450	1408.99	3.12	2133.	12280.	2133.	51.59	4.17	43.19	4.17	2.37	.4	3.99
140	8.480	1392.26	3.85	880.	14019.	880.	60.76	1.11	57.25	1.11	3.45	.5	4.25
164	10.290	1358.99	3.58	2683.	14014.	2683.	69.43	5.90	57.60	5.90	3.10	.5	3.99

FROM= .53 IIFR= 142 FRM= .36 IIFM= 34
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0026 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0026 DTH= .0088 ITERR= 9

TT = 12.0048 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69426.41 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.14	2.14	0.	2402.	0.	5.13	.00	4.78	.00	1.00	.4	2.14
64	4.730	1467.11	2.99	18.	8060.	18.	24.21	.01	23.21	.01	1.47	.5	2.11
93	5.460	1454.08	3.04	1167.	8853.	1167.	34.03	1.95	29.70	1.95	3.00	.5	4.03
125	7.450	1408.99	3.12	2130.	12273.	2130.	51.53	4.16	43.15	4.16	2.37	.4	3.99
140	8.480	1392.26	3.85	877.	14012.	877.	60.71	1.11	57.20	1.11	3.45	.5	4.25
164	10.290	1358.99	3.58	2682.	14013.	2682.	69.43	5.90	57.60	5.90	3.10	.5	3.99

FROM= .53 IIFR= 124 FRM= .36 IIFM= 35
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0048 DTH= .0153 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0048 DTH= .0077 ITERR= 9

TT = 12.0067 DTH = .0019 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69426.16 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.15	2.18	0.	2422.	0.	5.28	.00	4.90	.00	1.01	.4	2.15
64	4.730	1467.11	2.99	17.	8052.	17.	24.16	.01	23.17	.01	1.47	.5	2.11
93	5.460	1454.08	3.04	1165.	8846.	1165.	33.98	1.94	29.67	1.94	3.00	.5	4.08
125	7.450	1408.98	3.12	2127.	12267.	2127.	51.48	4.15	43.10	4.15	2.36	.4	3.98
140	8.480	1392.26	3.85	875.	14005.	875.	60.66	1.11	57.15	1.11	3.45	.5	4.26
164	10.290	1358.99	3.58	2681.	14012.	2681.	69.43	5.90	57.60	5.90	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .36 IIFM= 35

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0067 DTH= .0134 ITERR= 9

TT = 12.0134 DTH = .0067 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69399.52 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.13	2.13	0.	2394.	0.	5.10	.00	4.75	.00	1.00	.4	2.13
64	4.730	1467.10	2.98	15.	8022.	15.	23.98	.00	23.03	.00	1.46	.5	2.10
93	5.460	1454.08	3.03	1156.	8822.	1156.	33.78	1.92	29.53	1.92	2.99	.5	4.08
125	7.450	1408.98	3.11	2118.	12245.	2118.	51.30	4.13	42.96	4.13	2.36	.4	3.98
140	8.480	1392.25	3.85	866.	13982.	866.	60.48	1.10	56.99	1.10	3.44	.5	4.25
164	10.290	1358.99	3.58	2681.	14010.	2681.	69.40	5.89	57.58	5.89	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .36 IIFM= 34

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 6 8 9 10 11

TT= 12.0134 DTH= .0067 ITERR= 9

TT = 12.0167 DTH = .0033 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69389.17 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.14	2.15	0.	2399.	0.	5.16	.00	4.81	.00	1.00	.4	2.14
64	4.730	1467.10	2.97	15.	8007.	15.	23.90	.00	22.97	.00	1.46	.5	2.10
93	5.460	1454.07	3.03	1151.	8810.	1151.	33.68	1.91	29.46	1.91	2.99	.5	4.07
125	7.450	1408.98	3.11	2113.	12233.	2113.	51.21	4.11	42.88	4.11	2.36	.4	3.98
140	8.480	1392.25	3.85	862.	13970.	862.	60.39	1.09	56.91	1.09	3.44	.5	4.25
164	10.290	1358.99	3.58	2680.	14009.	2680.	69.39	5.89	57.57	5.89	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .36 IIFM= 35

TT = 12.0201 DTH = .0033 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69376.13 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.13	2.14	0.	2392.	0.	5.12	.00	4.78	.00	1.00	.4	2.13

64	4.730	1467.10	2.97	14.	7992.	14.	23.81	.00	22.91	.00	1.46	.5	2.10
93	5.460	1454.07	3.03	1147.	8798.	1147.	33.57	1.89	29.39	1.89	2.99	.5	4.07
125	7.450	1408.98	3.11	2109.	12222.	2109.	51.12	4.10	42.81	4.10	2.36	.4	3.98
140	8.480	1392.25	3.85	858.	13958.	858.	60.30	1.09	56.82	1.09	3.44	.5	4.25
164	10.290	1358.99	3.58	2679.	14008.	2679.	69.38	5.89	57.56	5.89	3.10	.5	3.99

FROM= .53 IIFR= 124 FRM= .36 IIFM= 34

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0201 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 6 7 8 9 10

TT= 12.0201 DTH= .0100 ITERR= 9

TT = 12.0226 DTH = .0025 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69370.33 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.13	2.15	0.	2393.	0.	5.14	.00	4.79	.00	1.00	.4	2.13
64	4.730	1467.10	2.96	13.	7982.	13.	23.74	.00	22.86	.00	1.46	.5	2.10
93	5.460	1454.07	3.02	1143.	8788.	1143.	33.50	1.89	29.34	1.89	2.99	.5	4.07
125	7.450	1408.98	3.11	2105.	12214.	2105.	51.06	4.09	42.75	4.09	2.35	.4	3.98
140	8.480	1392.25	3.85	855.	13949.	855.	60.24	1.08	56.76	1.08	3.44	.5	4.25
164	10.290	1358.99	3.58	2678.	14006.	2678.	69.37	5.89	57.55	5.89	3.10	.5	3.99

FROM= .53 IIFR= 124 FRM= .36 IIFM= 35

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0226 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.0226 DTH= .0088 ITERR= 9

TT = 12.0248 DTH = .0022 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69367.16 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.13	2.11	0.	2376.	0.	5.02	.00	4.70	.00	.99	.4	2.13
64	4.730	1467.09	2.96	13.	7972.	13.	23.69	.00	22.82	.00	1.45	.5	2.09
93	5.460	1454.07	3.02	1140.	8780.	1140.	33.43	1.88	29.30	1.88	2.99	.5	4.07
125	7.450	1408.97	3.11	2102.	12206.	2102.	51.00	4.08	42.71	4.08	2.35	.4	3.97
140	8.480	1392.24	3.85	852.	13941.	852.	60.17	1.08	56.70	1.08	3.43	.5	4.24
164	10.290	1358.99	3.58	2678.	14004.	2678.	69.37	5.88	57.55	5.88	3.10	.5	3.99

FROM= .53 IIFR= 124 FRM= .36 IIFM= 36

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0248 DTH= .0153 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.0248 DTH= .0077 ITERR= 9

TT = 12.0267 DTH = .0019 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69366.77 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.13	2.16	0.	2392.	0.	5.16	.00	4.81	.00	1.00	.4	2.13
64	4.730	1467.09	2.96	12.	7964.	12.	23.64	.00	22.78	.00	1.45	.5	2.09
93	5.460	1454.07	3.02	1138.	8773.	1138.	33.37	1.87	29.26	1.87	2.98	.5	4.07
125	7.450	1408.97	3.11	2100.	12200.	2100.	50.95	4.08	42.66	4.08	2.35	.4	3.97
140	8.480	1392.24	3.85	850.	13934.	850.	60.12	1.08	56.66	1.08	3.43	.5	4.24
164	10.290	1358.99	3.58	2677.	14002.	2677.	69.37	5.88	57.55	5.88	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .36 IIFM= 35
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0267 DTH= .0134 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0267 DTH= .0067 ITERR= 9

TT = 12.0284 DTH = .0017 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69370.88 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.13	2.13	0.	2380.	0.	5.07	.00	4.74	.00	.99	.4	2.13
64	4.730	1467.09	2.96	12.	7957.	12.	23.59	.00	22.74	.00	1.45	.5	2.09
93	5.460	1454.07	3.02	1135.	8767.	1135.	33.32	1.87	29.23	1.87	2.98	.5	4.07
125	7.450	1408.97	3.11	2097.	12194.	2097.	50.90	4.07	42.63	4.07	2.35	.4	3.97
140	8.480	1392.24	3.85	848.	13928.	848.	60.08	1.08	56.62	1.08	3.43	.5	4.24
164	10.290	1358.99	3.58	2676.	14000.	2676.	69.37	5.88	57.56	5.88	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .36 IIFM= 34
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0284 DTH= .0117 ITERR= 9

TT = 12.0342 DTH = .0059 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69330.13 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.12	2.12	0.	2368.	0.	5.03	.00	4.71	.00	.99	.4	2.12
64	4.730	1467.09	2.95	11.	7932.	11.	23.44	.00	22.64	.00	1.45	.5	2.09
93	5.460	1454.06	3.01	1127.	8745.	1127.	33.14	1.85	29.10	1.85	2.98	.5	4.06
125	7.450	1408.97	3.10	2089.	12173.	2089.	50.74	4.05	42.50	4.05	2.35	.4	3.97
140	8.480	1392.24	3.84	841.	13908.	841.	59.92	1.07	56.47	1.07	3.43	.5	4.24

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164    10.290  1358.99     3.58    2675.    14000.    2675.    69.33     5.88    57.52     5.88     3.10   .5     3.99
       FROM=     .53  IIFR=  124  FRM= .36 IIFM=   35
                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   6   8   9  10  11
                                                TT=   12.0342    DTH=    .0059    ITERR= 9


       TT =  12.0372          DTH =   .0029          ITERR =   1
       QU(1) =    1052.40    YU(1) =    1582.79  QU(N) =   69319.27  YU(N) =    1358.99

  I     X(I)      Y        V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****  ******* ********  ******* ******** ******** ******** ******** ******** ******** ******* ******  ********
  1     .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04   .4      .59
 24    1.640  1536.12     2.12       0.    2365.       0.     5.02      .00     4.71      .00      .99   .4     2.12
 64    4.730  1467.09     2.94      10.    7919.      10.    23.36      .00    22.57      .00     1.44   .5     2.09
 93    5.460  1454.06     3.01    1123.    8734.    1123.    33.05     1.84    29.04     1.84     2.98   .5     4.06
125    7.450  1408.97     3.10    2084.   12163.    2084.    50.67     4.04    42.44     4.04     2.35   .4     3.37
140    8.480  1392.24     3.84     837.   13897.     837.    59.85     1.07    56.40     1.07     3.43   .5     4.24
164   10.290  1358.99     3.58    2675.   13999.    2675.    69.32     5.88    57.51     5.88     3.10   .5   - 3.99
       FROM=     .53  IIFR=  124  FRM= .36 IIFM=   36


       TT =  12.0401          DTH =   .0029          ITERR =   1
       QU(1) =    1052.40    YU(1) =    1582.79  QU(N) =   69306.44  YU(N) =    1358.99

  I     X(I)      Y        V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****  ******* ********  ******* ******** ******** ******** ******** ******** ******** ******* ******  ********
  1     .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04   .4      .59
 24    1.640  1536.12     2.12       0.    2359.       0.     5.00      .00     4.69      .00      .98   .4     2.12
 64    4.730  1467.08     2.94      10.    7907.      10.    23.29      .00    22.52      .00     1.44   .4     2.08
 93    5.460  1454.06     3.01    1119.    8723.    1119.    32.96     1.83    28.98     1.83     2.97   .5     4.06
125    7.450  1408.96     3.10    2080.   12152.    2080.    50.59     4.02    42.37     4.02     2.34   .4     3.96
140    8.480  1392.23     3.84     833.   13887.     833.    59.76     1.06    56.33     1.06     3.42   .5     4.23
164   10.290  1358.99     3.58    2675.   13998.    2675.    69.31     5.88    57.50     5.88     3.10   .5     3.99
       FROM=     .53  IIFR=  124  FRM= .36 IIFM=   35
                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                TT=   12.0401    DTH=    .0200    ITERR= 9


                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                TT=   12.0401    DTH=    .0100    ITERR= 9


       TT =  12.0426          DTH =   .0025          ITERR =   1
       QU(1) =    1052.40    YU(1) =    1582.79  QU(N) =   69298.78  YU(N) =    1358.99

  I     X(I)      Y        V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****  ******* ********  ******* ******** ******** ******** ******** ******** ******** ******* ******  ********
  1     .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04   .4      .59
 24    1.640  1536.12     2.13       0.    2363.       0.     5.04      .00     4.72      .00      .98   .4     2.12
 64    4.730  1467.08     2.93       9.    7896.       9.    23.22      .00    22.47      .00     1.44   .4     2.08
 93    5.460  1454.06     3.00    1115.    8714.    1115.    32.88     1.82    28.92     1.82     2.97   .5     4.06
125    7.450  1408.96     3.10    2076.   12143.    2076.    50.52     4.01    42.31     4.01     2.34   .4     3.96
140    8.480  1392.23     3.84     830.   13878.     830.    59.70     1.06    56.27     1.06     3.42   .5     4.23
```

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164     10.290  1358.99     3.58     2674.    13996.     2674.     69.30     5.87     57.50     5.87     3.10    .5     3.99
        FRDM=     .53  IIFR=  124  FRM= .35 IIFM=   35
                                    NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                        TT=   12.0426    DTH=    .0175    ITERR= 9


                                    NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                        TT=   12.0426    DTH=    .0088    ITERR= 9


        TT =  12.0448          DTH =   .0022          ITERR =   1
        QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   69294.09  YU(N) =    1358.99

  I     X(I)      Y         V        AL        AC        AR        Q        QL        QC        QR      WAVHT   FRD     DEPTH
****   ******* *********  ******* ********* ********* ********* ********* ********* ********* ********* ******  ********
  1      .010  1582.79     1.51       0.      696.       0.      1.05      .00       .69       .00      .04    .4      .59
 24     1.640  1536.11     2.09       0.     2341.       0.      4.89      .00      4.60       .00      .97    .4     2.11
 64     4.730  1467.08     2.93       9.     7887.       9.     23.17      .00     22.43       .00     1.44    .4     2.08
 93     5.460  1454.06     3.00    1112.     8705.    1112.     32.81     1.81     28.88      1.81     2.97    .5     4.06
125     7.450  1408.96     3.10    2073.    12135.    2073.     50.46     4.01     42.27      4.01     2.34    .4     3.96
140     8.480  1392.23     3.84     828.    13870.     828.     59.64     1.06     56.22      1.06     3.42    .5     4.23
164    10.290  1358.99     3.58    2673.    13994.    2673.     69.29     5.87     57.49      5.87     3.10    .5     3.99
        FRDM=     .53  IIFR=  124  FRM= .35 IIFM=   36
                                    NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                        TT=   12.0448    DTH=    .0153    ITERR= 9


                                    NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                        TT=   12.0448    DTH=    .0077    ITERR= 9


        TT =  12.0467          DTH =   .0019          ITERR =   1
        QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   69293.53  YU(N) =    1358.99

  I     X(I)      Y         V        AL        AC        AR        Q        QL        QC        QR      WAVHT   FRD     DEPTH
****   ******* *********  ******* ********* ********* ********* ********* ********* ********* ********* ******  ********
  1      .010  1582.79     1.51       0.      696.       0.      1.05      .00       .69       .00      .04    .4      .59
 24     1.640  1536.12     2.14       0.     2359.       0.      5.04      .00      4.73       .00      .98    .4     2.12
 64     4.730  1467.08     2.93       9.     7878.       9.     23.12      .00     22.39       .00     1.44    .4     2.08
 93     5.460  1454.05     3.00    1109.     8697.    1109.     32.74     1.80     28.84      1.80     2.97    .5     4.05
125     7.450  1408.96     3.10    2070.    12128.    2070.     50.41     4.00     42.22      4.00     2.34    .4     3.96
140     8.480  1392.23     3.84     825.    13863.     825.     59.59     1.05     56.17      1.05     3.42    .5     4.23
164    10.290  1358.99     3.58    2672.    13992.    2672.     69.29     5.87     57.49      5.87     3.10    .5     3.99
        FRDM=     .53  IIFR=  124  FRM= .35 IIFM=   35
                                    NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                        TT=   12.0467    DTH=    .0134    ITERR= 9


                                    NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                        TT=   12.0467    DTH=    .0067    ITERR= 9
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TT = 12.0484 DTH = .0017 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69298.70 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.11	2.12	0.	2350.	0.	4.98	.00	4.67	.00	.98	.4	2.11
64	4.730	1467.08	2.93	8.	7872.	8.	23.08	.00	22.37	.00	1.44	.4	2.08
93	5.460	1454.05	3.00	1107.	8691.	1107.	32.69	1.80	28.80	1.80	2.97	.5	4.05
125	7.450	1408.96	3.10	2067.	12122.	2067.	50.36	3.99	42.19	3.99	2.34	.4	3.96
140	8.480	1392.23	3.84	823.	13857.	823.	59.55	1.05	56.13	1.05	3.42	.5	4.23
164	10.290	1358.99	3.58	2670.	13990.	2670.	69.30	5.87	57.50	5.87	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0484 DTH= .0117 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0484 DTH= .0059 ITERR= 9

TT = 12.0498 DTH = .0015 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69313.61 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.11	2.11	0.	2344.	0.	4.94	.00	4.65	.00	.98	.4	2.11
64	4.730	1467.08	2.92	8.	7866.	8.	23.04	.00	22.34	.00	1.43	.4	2.08
93	5.460	1454.05	3.00	1105.	8685.	1105.	32.64	1.79	28.77	1.79	2.97	.5	4.05
125	7.450	1408.96	3.10	2065.	12117.	2065.	50.32	3.99	42.16	3.99	2.34	.4	3.96
140	8.480	1392.23	3.84	821.	13851.	821.	59.51	1.05	56.09	1.05	3.42	.5	4.23
164	10.290	1358.99	3.59	2668.	13986.	2668.	69.31	5.87	57.51	5.87	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 35

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0498 DTH= .0103 ITERR= 9

TT = 12.0550 DTH = .0051 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69254.78 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.11	2.11	0.	2335.	0.	4.92	.00	4.63	.00	.97	.4	2.11
64	4.730	1467.07	2.92	7.	7845.	7.	22.91	.00	22.24	.00	1.43	.4	2.07
93	5.460	1454.05	2.99	1097.	8665.	1097.	32.48	1.77	28.66	1.77	2.96	.5	4.05
125	7.450	1408.95	3.10	2057.	12098.	2057.	50.18	3.97	42.04	3.97	2.33	.4	3.95
140	8.480	1392.22	3.84	815.	13833.	815.	59.36	1.05	55.96	1.05	3.41	.5	4.22
164	10.290	1358.99	3.58	2669.	13986.	2669.	69.25	5.86	57.47	5.86	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0550 DTH= .0051 ITERR= 9

TT = 12.0575 DTH = .0026 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69241.16 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.11	2.11	0.	2333.	0.	4.92	.00	4.63	.00	.97	.4	2.11
64	4.730	1467.07	2.91	7.	7835.	7.	22.86	.00	22.20	.00	1.43	.4	2.07
93	5.460	1454.05	2.99	1094.	8655.	1094.	32.39	1.76	28.60	1.76	2.96	.5	4.05
125	7.450	1408.95	3.09	2053.	12088.	2053.	50.11	3.96	41.98	3.96	2.33	.4	3.95
140	8.480	1392.22	3.84	812.	13823.	812.	59.30	1.04	55.90	1.04	3.41	.5	4.22
164	10.290	1358.99	3.58	2668.	13984.	2668.	69.24	5.86	57.45	5.86	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36

TT = 12.0601 DTH = .0026 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69224.02 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.10	2.10	0.	2327.	0.	4.89	.00	4.61	.00	.97	.4	2.10
64	4.730	1467.07	2.91	7.	7824.	7.	22.79	.00	22.15	.00	1.43	.4	2.07
93	5.460	1454.04	2.98	1090.	8646.	1090.	32.31	1.75	28.54	1.75	2.96	.5	4.04
125	7.450	1408.95	3.09	2049.	12078.	2049.	50.04	3.95	41.93	3.95	2.33	.4	3.95
140	8.480	1392.22	3.84	810.	13816.	810.	59.22	1.04	55.83	1.04	3.41	.5	4.22
164	10.290	1358.99	3.58	2667.	13984.	2667.	69.22	5.86	57.44	5.86	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0601 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0601 DTH= .0100 ITERR= 9

TT = 12.0626 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69212.23 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.11	2.12	0.	2335.	0.	4.95	.00	4.66	.00	.97	.4	2.11
64	4.730	1467.07	2.90	6.	7815.	6.	22.73	.00	22.11	.00	1.43	.4	2.07
93	5.460	1454.04	2.98	1086.	8636.	1086.	32.23	1.75	28.49	1.75	2.96	.5	4.04
125	7.450	1408.95	3.09	2046.	12069.	2046.	49.97	3.94	41.87	3.94	2.33	.4	3.95
140	8.480	1392.22	3.84	806.	13806.	806.	59.16	1.04	55.77	1.04	3.41	.5	4.22
164	10.290	1358.99	3.58	2667.	13982.	2667.	69.21	5.86	57.43	5.86	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 35

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0626 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0626 DTH= .0088 ITERR= 9

TT = 12.0648 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69205.52 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.10	2.06	0.	2307.	0.	4.76	.00	4.51	.00	.96	.4	2.10
64	4.730	1467.06	2.90	6.	7805.	6.	22.67	.00	22.06	.00	1.42	.4	2.06
93	5.460	1454.04	2.98	1083.	8628.	1083.	32.16	1.74	28.44	1.74	2.96	.5	4.04
125	7.450	1408.95	3.09	2042.	12060.	2042.	49.91	3.93	41.82	3.93	2.33	.4	3.95
140	8.480	1392.22	3.84	804.	13798.	804.	59.10	1.03	55.72	1.03	3.41	.5	4.22
164	10.290	1358.99	3.58	2666.	13980.	2666.	69.21	5.85	57.43	5.85	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0648 DTH= .0153 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0648 DTH= .0077 ITERR= 9

TT = 12.0667 DTH = .0019 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69204.66 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.10	2.12	0.	2327.	0.	4.93	.00	4.65	.00	.97	.4	2.10
64	4.730	1467.06	2.90	6.	7798.	6.	22.63	.00	22.04	.00	1.42	.4	2.06
93	5.460	1454.04	2.98	1081.	8620.	1081.	32.09	1.73	28.40	1.73	2.96	.5	4.04
125	7.450	1408.95	3.09	2039.	12053.	2039.	49.86	3.92	41.78	3.92	2.33	.4	3.95
140	8.480	1392.22	3.84	802.	13791.	802.	59.05	1.03	55.67	1.03	3.41	.5	4.22
164	10.290	1358.99	3.58	2664.	13977.	2664.	69.20	5.85	57.43	5.85	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 35
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0667 DTH= .0134 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0667 DTH= .0067 ITERR= 9

TT = 12.0684 DTH = .0017 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69212.16 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.10	2.11	0.	2322.	0.	4.89	.00	4.62	.00	.97	.4	2.10
64	4.730	1467.06	2.90	5.	7791.	5.	22.59	.00	22.01	.00	1.42	.4	2.06
93	5.460	1454.04	2.98	1078.	8614.	1078.	32.04	1.73	28.37	1.73	2.95	.5	4.04
125	7.450	1408.94	3.09	2036.	12047.	2036.	49.81	3.91	41.74	3.91	2.32	.4	3.94
140	8.480	1392.22	3.84	800.	13785.	800.	59.00	1.03	55.63	1.03	3.41	.5	4.22
164	10.290	1358.99	3.59	2662.	13973.	2662.	69.21	5.85	57.44	5.85	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0684 DTH= .0117 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0684 DTH= .0059 ITERR= 9

TT = 12.0698 DTH = .0015 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69233.59 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.10	2.09	0.	2314.	0.	4.84	.00	4.57	.00	.96	.4	2.10
64	4.730	1467.06	2.89	5.	7786.	5.	22.55	.00	21.98	.00	1.42	.4	2.06
93	5.460	1454.04	2.97	1076.	8608.	1076.	32.00	1.72	28.33	1.72	2.95	.5	4.04
125	7.450	1408.94	3.09	2034.	12041.	2034.	49.77	3.91	41.71	3.91	2.32	.4	3.94
140	8.480	1392.21	3.83	798.	13780.	798.	58.96	1.03	55.59	1.03	3.40	.5	4.21
164	10.290	1358.98	3.59	2659.	13967.	2659.	69.23	5.85	57.46	5.85	3.10	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.0698 DTH= .0103 ITERR= 9

TT = 12.0750 DTH = .0051 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69149.81 YU(N) = 1358.99

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.09	2.09	0.	2304.	0.	4.80	.00	4.55	.00	.96	.4	2.09
64	4.730	1467.06	2.89	5.	7765.	5.	22.43	.00	21.89	.00	1.42	.4	2.06
93	5.460	1454.03	2.97	1069.	8589.	1069.	31.85	1.70	28.24	1.70	2.95	.5	4.03
125	7.450	1408.94	3.09	2026.	12021.	2026.	49.63	3.89	41.59	3.89	2.32	.4	3.94
140	8.480	1392.21	3.83	792.	13761.	792.	58.82	1.02	55.46	1.02	3.40	.5	4.21
164	10.290	1358.99	3.59	2660.	13968.	2660.	69.15	5.84	57.39	5.84	3.10	.5	3.99

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 35

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 6 7 8 9 10

TT= 12.0750 DTH= .0051 ITERR= 9

TT = 12.0775 DTH = .0026 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69130.75 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.09	2.09	0.	2302.	0.	4.81	.00	4.56	.00	.96	.4	2.09
64	4.730	1467.06	2.88	4.	7755.	4.	22.38	.00	21.85	.00	1.41	.4	2.06
93	5.460	1454.03	2.97	1066.	8579.	1066.	31.77	1.70	28.19	1.70	2.95	.5	4.03
125	7.450	1408.94	3.09	2022.	12012.	2022.	49.55	3.88	41.53	3.88	2.32	.4	3.94
140	8.480	1392.21	3.83	789.	13751.	789.	58.76	1.02	55.41	1.02	3.40	.5	4.21
164	10.290	1358.98	3.58	2659.	13966.	2659.	69.13	5.84	57.37	5.84	3.10	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36

TT = 12.0801 DTH = .0026 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69108.15 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.09	2.08	0.	2296.	0.	4.73	.00	4.53	.00	.96	.4	2.09
64	4.730	1467.05	2.88	4.	7744.	4.	22.31	.00	21.80	.00	1.41	.4	2.05
93	5.460	1454.03	2.96	1062.	8570.	1062.	31.70	1.69	28.14	1.69	2.95	.5	4.03
125	7.450	1408.94	3.09	2018.	12002.	2018.	49.48	3.87	41.48	3.87	2.32	.4	3.94
140	8.480	1392.21	3.83	786.	13743.	786.	58.68	1.02	55.33	1.02	3.40	.5	4.21
164	10.290	1358.98	3.58	2659.	13965.	2659.	69.11	5.84	57.35	5.84	3.10	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0801 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0801 DTH= .0100 ITERR= 9

TT = 12.0826 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69092.95 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.09	2.10	0.	2303.	0.	4.84	.00	4.58	.00	.96	.4	2.09
64	4.730	1467.05	2.87	4.	7735.	4.	22.26	.00	21.76	.00	1.41	.4	2.05
93	5.460	1454.03	2.96	1059.	8561.	1059.	31.63	1.68	28.09	1.68	2.95	.5	4.03
125	7.450	1408.93	3.08	2014.	11993.	2014.	49.41	3.85	41.41	3.85	2.31	.4	3.94
140	8.480	1392.21	3.83	783.	13733.	783.	58.62	1.02	55.28	1.02	3.40	.5	4.21
164	10.290	1358.98	3.58	2658.	13963.	2658.	69.09	5.83	57.34	5.83	3.10	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0826 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0826 DTH= .0088 ITERR= 9

TT = 12.0848 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69084.77 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.08	2.04	0.	2275.	0.	4.65	.00	4.43	.00	.95	.4	2.08
64	4.730	1467.05	2.87	4.	7726.	4.	22.19	.00	21.72	.00	1.41	.4	2.05
93	5.460	1454.03	2.96	1056.	8553.	1056.	31.56	1.67	28.05	1.67	2.94	.5	4.03
125	7.450	1408.93	3.08	2010.	11983.	2010.	49.35	3.85	41.37	3.85	2.31	.4	3.93
140	8.480	1392.20	3.83	781.	13725.	781.	58.56	1.01	55.22	1.01	3.39	.5	4.20
164	10.290	1358.98	3.58	2657.	13961.	2657.	69.08	5.83	57.33	5.83	3.09	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0848 DTH= .0153 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 6 7 8 9 10 11
TT= 12.0848 DTH= .0077 ITERR= 9

TT = 12.0867 DTH = .0019 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69083.59 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.09	2.10	0.	2296.	0.	4.82	.00	4.58	.00	.95	.4	2.09
64	4.730	1467.05	2.87	3.	7719.	3.	22.15	.00	21.69	.00	1.41	.4	2.05
93	5.460	1454.03	2.96	1054.	8547.	1054.	31.50	1.67	28.01	1.67	2.94	.5	4.03
125	7.450	1408.93	3.08	2007.	11976.	2007.	49.29	3.84	41.32	3.84	2.31	.4	3.93
140	8.480	1392.20	3.83	778.	13718.	778.	58.51	1.01	55.18	1.01	3.39	.5	4.23
164	10.290	1358.98	3.59	2655.	13958.	2655.	69.08	5.83	57.33	5.83	3.99	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 35
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0867 DTH= .0134 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.0867 DTH= .0067 ITERR= 9

TT = 12.0884 DTH = .0017 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69092.80 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.09	2.09	0.	2290.	0.	4.78	.00	4.54	.00	.95	.4	2.09

64	4.730	1467.05	2.86	3.	7712.	3.	22.11	.00	21.66	.00	1.41	.4	2.05
93	5.460	1454.03	2.96	1052.	8541.	1052.	31.46	1.66	27.98	1.66	2.94	.5	4.03
125	7.450	1408.93	3.08	2005.	11969.	2005.	49.24	3.83	41.28	3.83	2.31	.4	3.93
140	8.480	1392.20	3.83	777.	13712.	777.	58.46	1.01	55.14	1.01	3.39	.5	4.20
164	10.290	1358.98	3.59	2653.	13953.	2653.	69.09	5.83	57.34	5.83	3.09	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0884 DTH= .0117 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0884 DTH= .0059 ITERR= 9

TT = 12.0898 DTH = .0015 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69117.94 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.08	2.07	0.	2280.	0.	4.72	.00	4.49	.00	.95	.4	2.03
64	4.730	1467.05	2.86	3.	7706.	3.	22.08	.00	21.63	.00	1.41	.4	2.05
93	5.460	1454.02	2.95	1050.	8536.	1050.	31.41	1.66	27.95	1.66	2.94	.5	4.02
125	7.450	1408.93	3.08	2003.	11964.	2003.	49.20	3.83	41.25	3.83	2.31	.4	3.93
140	8.480	1392.20	3.83	775.	13706.	775.	58.42	1.01	55.10	1.01	3.39	.5	4.20
164	10.290	1358.98	3.59	2649.	13947.	2649.	69.12	5.82	57.37	5.82	3.09	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.0898 DTH= .0103 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.0898 DTH= .0051 ITERR= 9

TT = 12.0911 DTH = .0013 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69173.09 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.08	2.06	0.	2276.	0.	4.70	.00	4.47	.00	.95	.4	2.03
64	4.730	1467.05	2.86	3.	7700.	3.	22.04	.00	21.60	.00	1.40	.4	2.05
93	5.460	1454.02	2.95	1048.	8531.	1048.	31.37	1.65	27.92	1.65	2.94	.5	4.02
125	7.450	1408.93	3.08	2001.	11959.	2001.	49.16	3.82	41.22	3.82	2.31	.4	3.93
140	8.480	1392.20	3.83	773.	13701.	773.	58.39	1.01	55.07	1.01	3.39	.5	4.20
164	10.290	1358.98	3.60	2644.	13935.	2644.	69.17	5.82	57.42	5.82	3.09	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.0911 DTH= .0090 ITERR= 9

TT = 12.0956 DTH = .0045 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69050.69 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.08	2.07	0.	2271.	0.	4.69	.00	4.48	.00	.94	.4	2.08
64	4.730	1467.04	2.85	3.	7685.	3.	21.95	.00	21.54	.00	1.40	.4	2.04
93	5.460	1454.02	2.95	1042.	8515.	1042.	31.24	1.64	27.84	1.64	2.94	.5	4.02
125	7.450	1408.93	3.08	1993.	11941.	1993.	49.04	3.80	41.12	3.80	2.30	.4	3.93
140	8.480	1392.20	3.83	769.	13686.	769.	58.26	1.00	54.95	1.00	3.39	.5	4.20
164	10.290	1358.98	3.59	2647.	13941.	2647.	69.05	5.81	57.31	5.81	3.09	.5	3.98

FROM= .53 IIFR= 124 FRM= .35 IIFM= 36
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.0956 DTH= .0045 ITERR= 9

TT = 12.0978 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69029.73 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.08	2.07	0.	2259.	0.	4.69	.00	4.48	.00	.94	.4	2.08
64	4.730	1467.04	2.85	2.	7675.	2.	21.88	.00	21.49	.00	1.40	.4	2.04
93	5.460	1454.02	2.95	1039.	8506.	1039.	31.17	1.63	27.79	1.63	2.94	.5	4.02
125	7.450	1408.92	3.08	1990.	11933.	1990.	48.97	3.79	41.06	3.79	2.30	.4	3.92
140	8.480	1392.20	3.83	765.	13674.	765.	58.22	1.00	54.91	1.00	3.39	.5	4.20
164	10.290	1358.98	3.59	2645.	13937.	2645.	69.03	5.81	57.30	5.81	3.09	.5	3.98

FROM= .53 IIFR= 124 FRM= .35 IIFM= 36

TT = 12.1001 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69001.91 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.07	2.05	0.	2259.	0.	4.64	.00	4.43	.00	.94	.4	2.07
64	4.730	1467.04	2.85	2.	7668.	2.	21.84	.00	21.46	.00	1.40	.4	2.04
93	5.460	1454.02	2.94	1036.	8497.	1036.	31.10	1.62	27.75	1.62	2.93	.5	4.02
125	7.450	1408.92	3.08	1986.	11922.	1986.	48.92	3.78	41.02	3.78	2.30	.4	3.92
140	8.480	1392.19	3.82	764.	13671.	764.	58.12	1.00	54.83	1.00	3.38	.5	4.19
164	10.290	1358.98	3.59	2644.	13936.	2644.	69.00	5.81	57.28	5.81	3.09	.5	3.98

FROM= .53 IIFR= 124 FRM= .35 IIFM= 37
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1001 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1001 DTH= .0100 ITERR= 9

TT = 12.1026 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68972.27 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.08	2.09	0.	2272.	0.	4.74	.00	4.52	.00	.94	.4	2.08
64	4.730	1467.04	2.84	2.	7657.	2.	21.78	.00	21.41	.00	1.40	.4	2.04
93	5.460	1454.02	2.94	1032.	8489.	1032.	31.02	1.62	27.69	1.62	2.93	.5	4.02
125	7.450	1408.92	3.07	1983.	11915.	1983.	48.83	3.77	40.95	3.77	2.30	.4	3.92
140	8.480	1392.19	3.82	761.	13660.	761.	58.07	1.00	54.78	1.00	3.38	.5	4.19
164	10.290	1358.98	3.59	2643.	13934.	2643.	68.97	5.80	57.25	5.80	3.09	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 37
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1026 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1026 DTH= .0088 ITERR= 9

TT = 12.1048 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68956.77 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.06	2.01	0.	2236.	0.	4.49	.00	4.32	.00	.93	.4	2.06
64	4.730	1467.04	2.84	2.	7649.	2.	21.73	.00	21.38	.00	1.39	.4	2.04
93	5.460	1454.01	2.94	1029.	8480.	1029.	30.96	1.61	27.65	1.61	2.93	.5	4.01
125	7.450	1408.92	3.08	1979.	11905.	1979.	48.78	3.77	40.91	3.77	2.30	.4	3.92
140	8.480	1392.19	3.82	758.	13651.	758.	58.01	1.00	54.73	1.00	3.38	.5	4.19
164	10.290	1358.98	3.59	2642.	13931.	2642.	68.96	5.80	57.24	5.80	3.09	.5	3.98

FRDM= .53 IIFR= 124 FRM= .35 IIFM= 36
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1048 DTH= .0153 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 6 7 8 9 10 11
TT= 12.1048 DTH= .0077 ITERR= 9

TT = 12.1067 DTH = .0019 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68953.84 YU(N) = 1358.98

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.07	2.07	0.	2258.	0.	4.68	.00	4.48	.00	.94	.4	2.07
64	4.730	1467.03	2.84	2.	7642.	2.	21.69	.00	21.35	.00	1.39	.4	2.03
93	5.460	1454.01	2.93	1027.	8474.	1027.	30.89	1.60	27.60	1.60	2.93	.5	4.01
125	7.450	1408.92	3.07	1975.	11897.	1975.	48.73	3.76	40.86	3.76	2.30	.4	3.92
140	8.480	1392.19	3.82	756.	13644.	756.	57.96	.99	54.68	.99	3.38	.5	4.19

```
164     10.290  1358.98     3.59     2640.    13927.     2640.     68.95     5.80     57.24     5.80     3.09    .5     3.98
        FRDM=     .53  IIFR=  124  FRM= .35 IIFM=   35
                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                  TT=   12.1067    DTH=    .0134    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                  TT=   12.1067    DTH=    .0067    ITERR= 9




        TT =  12.1084          DTH =   .0017          ITERR =   1
        QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   68966.66  YU(N) =    1358.98

  I     X(I)      Y         V        AL        AC        AR        Q        QL        QC        QR      WAVHT   FRD      DEPTH
****   ******* *********  ******* ********* ********* ********* ********* ********* ********* ********* ******* ******  ********
  1     .010  1582.79     1.51       0.      696.       0.      1.05      .00      .69      .00      .04    .4      .59
 24    1.640  1536.07     2.07       0.     2257.       0.      4.67      .00     4.47      .00      .94    .4     2.07
 64    4.730  1467.03     2.83       2.     7635.       2.     21.64      .00    21.32      .00     1.39    .4     2.03
 93    5.460  1454.01     2.93    1024.     8467.    1024.     30.84     1.60    27.57     1.60     2.93    .5     4.01
125    7.450  1408.92     3.07    1973.    11890.    1973.     48.67     3.75    40.82     3.75     2.30    .4     3.92
140    8.480  1392.19     3.82     754.    13638.     754.     57.91      .99    54.63      .99     3.38    .5     4.19
164   10.290  1358.98     3.59    2637.    13921.    2637.     68.97     5.79    57.25     5.79     3.09    .5     3.98
        FRDM=     .53  IIFR=  124  FRM= .34 IIFM=   36
                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1084    DTH=    .0117    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                  TT=   12.1084    DTH=    .0059    ITERR= 9




        TT =  12.1098          DTH =   .0015          ITERR =   1
        QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   69003.50  YU(N) =    1358.97

  I     X(I)      Y         V        AL        AC        AR        Q        QL        QC        QR      WAVHT   FRD      DEPTH
****   ******* *********  ******* ********* ********* ********* ********* ********* ********* ********* ******* ******  ********
  1     .010  1582.79     1.51       0.      696.       0.      1.05      .00      .69      .00      .04    .4      .59
 24    1.640  1536.07     2.04       0.     2243.       0.      4.58      .00     4.39      .00      .93    .4     2.07
 64    4.730  1467.03     2.83       2.     7630.       2.     21.61      .00    21.30      .00     1.39    .4     2.03
 93    5.460  1454.01     2.93    1023.     8462.    1023.     30.79     1.59    27.54     1.59     2.93    .5     4.01
125    7.450  1408.92     3.07    1971.    11885.    1971.     48.63     3.75    40.79     3.75     2.29    .4     3.92
140    8.480  1392.19     3.82     753.    13633.     753.     57.87      .99    54.60      .99     3.38    .5     4.19
164   10.290  1358.97     3.60    2633.    13912.    2633.     69.00     5.79    57.29     5.79     3.09    .5     3.97
        FRDM=     .53  IIFR=  124  FRM= .35 IIFM=   37
                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1098    DTH=    .0103    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                  TT=   12.1098    DTH=    .0051    ITERR= 9
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TT = 12.1111 DTH = .0013 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69082.98 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.06	2.03	0.	2238.	0.	4.55	.00	4.37	.00	.93	.4	2.06
64	4.730	1467.03	2.83	1.	7624.	1.	21.57	.00	21.27	.00	1.39	.4	2.03
93	5.460	1454.01	2.93	1021.	8457.	1021.	30.75	1.59	27.51	1.59	2.93	.5	4.01
125	7.450	1408.91	3.07	1968.	11879.	1968.	48.59	3.74	40.76	3.74	2.29	.4	3.91
140	8.480	1392.19	3.82	751.	13628.	751.	57.84	.99	54.57	.99	3.38	.5	4.19
164	10.290	1358.97	3.61	2625.	13896.	2625.	69.08	5.79	57.36	5.79	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 37
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1111 DTH= .0090 ITERR= 9

TT = 12.1156 DTH = .0045 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68906.62 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.06	2.04	0.	2232.	0.	4.55	.00	4.38	.00	.93	.4	2.06
64	4.730	1467.03	2.82	1.	7609.	1.	21.49	.00	21.21	.00	1.39	.4	2.03
93	5.460	1454.01	2.92	1014.	8440.	1014.	30.61	1.57	27.42	1.57	2.92	.5	4.01
125	7.450	1408.91	3.07	1961.	11861.	1961.	48.47	3.72	40.66	3.72	2.29	.4	3.91
140	8.480	1392.18	3.82	747.	13614.	747.	57.71	.99	54.46	.99	3.37	.5	4.18
164	10.290	1358.97	3.60	2630.	13906.	2630.	68.91	5.78	57.21	5.78	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 38
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 7 8 9 10
TT= 12.1156 DTH= .0045 ITERR= 9

TT = 12.1178 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68877.36 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.06	2.04	0.	2230.	0.	4.55	.00	4.38	.00	.93	.4	2.06
64	4.730	1467.03	2.82	1.	7599.	1.	21.42	.00	21.15	.00	1.39	.4	2.03
93	5.460	1454.01	2.92	1011.	8431.	1011.	30.54	1.56	27.37	1.56	2.92	.5	4.01
125	7.450	1408.91	3.07	1958.	11853.	1958.	48.40	3.71	40.60	3.71	2.29	.4	3.91
140	8.480	1392.18	3.82	743.	13600.	743.	57.68	.99	54.42	.99	3.37	.5	4.18
164	10.290	1358.97	3.59	2628.	13903.	2628.	68.88	5.77	57.19	5.77	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 36

TT = 12.1201 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68840.13 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.06	2.02	0.	2219.	0.	4.49	.00	4.33	.00	.92	.4	2.06
64	4.730	1467.03	2.82	1.	7592.	1.	21.38	.00	21.13	.00	1.38	.4	2.03
93	5.460	1454.00	2.92	1008.	8422.	1008.	30.47	1.56	27.33	1.56	2.92	.5	4.00
125	7.450	1408.91	3.07	1953.	11842.	1953.	48.35	3.70	40.56	3.70	2.29	.4	3.91
140	8.480	1392.18	3.82	743.	13599.	743.	57.57	.98	54.32	.98	3.37	.5	4.18
164	10.290	1358.97	3.59	2629.	13904.	2629.	68.84	5.77	57.16	5.77	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1201 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.1201 DTH= .0100 ITERR= 9

TT = 12.1226 DTH = .0025 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68802.62 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.06	2.05	0.	2230.	0.	4.58	.00	4.41	.00	.93	.4	2.06
64	4.730	1467.02	2.81	1.	7582.	1.	21.32	.00	21.09	.00	1.38	.4	2.02
93	5.460	1454.00	2.92	1005.	8413.	1005.	30.38	1.55	27.27	1.55	2.92	.5	4.00
125	7.450	1408.91	3.07	1951.	11836.	1951.	48.26	3.69	40.49	3.69	2.29	.4	3.91
140	8.480	1392.18	3.82	740.	13587.	740.	57.52	.98	54.28	.98	3.37	.5	4.18
164	10.290	1358.97	3.59	2628.	13903.	2628.	68.80	5.77	57.12	5.77	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1226 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.1226 DTH= .0088 ITERR= 9

TT = 12.1248 DTH = .0022 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68783.44 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.04	1.98	0.	2193.	0.	4.33	.00	4.21	.00	.91	.3	2.04
64	4.730	1467.02	2.81	1.	7574.	1.	21.27	.00	21.05	.00	1.38	.4	2.02
93	5.460	1454.00	2.91	1001.	8403.	1001.	30.31	1.54	27.23	1.54	2.92	.5	4.00
125	7.450	1408.90	3.07	1946.	11824.	1946.	48.21	3.69	40.45	3.69	2.28	.4	3.90
140	8.480	1392.18	3.82	737.	13578.	737.	57.47	.98	54.23	.98	3.37	.5	4.18
164	10.290	1358.97	3.59	2628.	13902.	2628.	68.78	5.77	57.11	5.77	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 36

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.1248 DTH= .0153 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 6 7 8 9 10 11
TT= 12.1248 DTH= .0077 ITERR= 9

TT = 12.1267 DTH = .0019 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68779.14 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.06	2.05	0.	2218.	0.	4.55	.00	4.39	.00	.92	.4	2.05
64	4.730	1467.02	2.81	1.	7567.	1.	21.23	.00	21.02	.00	1.38	.4	2.02
93	5.460	1454.00	2.91	999.	8397.	999.	30.25	1.54	27.18	1.54	2.92	.5	4.00
125	7.450	1408.90	3.07	1943.	11817.	1943.	48.16	3.68	40.41	3.68	2.28	.4	3.90
140	8.480	1392.18	3.82	735.	13570.	735.	57.41	.98	54.18	.98	3.37	.5	4.18
164	10.290	1358.97	3.59	2626.	13898.	2626.	68.78	5.76	57.11	5.76	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 35
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1267 DTH= .0134 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1267 DTH= .0067 ITERR= 9

TT = 12.1284 DTH = .0017 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68791.90 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.05	2.02	0.	2208.	0.	4.47	.00	4.32	.00	.92	.4	2.05
64	4.730	1467.02	2.80	1.	7561.	1.	21.19	.00	21.00	.00	1.38	.4	2.02
93	5.460	1454.00	2.91	996.	8389.	996.	30.21	1.53	27.14	1.53	2.91	.5	4.00
125	7.450	1408.90	3.07	1941.	11811.	1941.	48.11	3.67	40.37	3.67	2.28	.4	3.90
140	8.480	1392.18	3.82	733.	13564.	733.	57.36	.98	54.14	.98	3.37	.5	4.18
164	10.290	1358.97	3.59	2624.	13894.	2624.	68.79	5.76	57.12	5.76	3.08	.5	3.97

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 36
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1284 DTH= .0117 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1284 DTH= .0059 ITERR= 9

TT = 12.1298 DTH = .0015 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68829.95 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.05	2.02	0.	2204.	0.	4.45	.00	4.31	.00	.91	.4	2.05
64	4.730	1467.02	2.80	1.	7555.	1.	21.16	.00	20.98	.00	1.38	.4	2.02
93	5.460	1454.00	2.91	994.	8383.	994.	30.17	1.52	27.11	1.52	2.91	.5	4.00
125	7.450	1408.90	3.06	1939.	11806.	1939.	48.06	3.67	40.33	3.67	2.28	.4	3.90
140	8.480	1392.17	3.82	732.	13559.	732.	57.32	.98	54.10	.98	3.36	.5	4.17
164	10.290	1358.97	3.60	2620.	13885.	2620.	68.83	5.76	57.15	5.76	3.08	.5	3.97

FROM= .53 IIFR= 124 FRM= .34 IIFM= 37

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1298 DTH= .0103 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.1298 DTH= .0051 ITERR= 9

TT = 12.1311 DTH = .0013 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68914.04 YU(N) = 1358.97

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.04	2.00	0.	2194.	0.	4.39	.00	4.26	.00	.91	.3	2.04
64	4.730	1467.02	2.80	0.	7549.	0.	21.12	.00	20.94	.00	1.38	.4	2.02
93	5.460	1454.00	2.91	992.	8377.	992.	30.14	1.52	27.07	1.52	2.91	.5	4.00
125	7.450	1408.90	3.06	1937.	11800.	1937.	48.03	3.66	40.30	3.66	2.28	.4	3.90
140	8.480	1392.17	3.82	730.	13554.	730.	57.29	.98	54.07	.98	3.36	.5	4.17
164	10.290	1358.97	3.61	2611.	13868.	2611.	68.91	5.75	57.23	5.75	3.08	.5	3.97

FROM= .53 IIFR= 124 FRM= .34 IIFM= 35

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 6 7 8 9 10

TT= 12.1311 DTH= .0090 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.1311 DTH= .0045 ITERR= 9

TT = 12.1322 DTH = .0011 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69090.63 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.04	2.00	0.	2189.	0.	4.37	.00	4.25	.00	.91	.3	2.04
64	4.730	1467.02	2.80	0.	7548.	0.	21.12	.00	20.95	.00	1.38	.4	2.02
93	5.460	1453.99	2.91	990.	8372.	990.	30.11	1.51	27.05	1.51	2.91	.5	3.99
125	7.450	1408.90	3.06	1935.	11796.	1935.	48.00	3.66	40.28	3.66	2.28	.4	3.90
140	8.480	1392.17	3.82	729.	13549.	729.	57.26	.97	54.04	.97	3.36	.5	4.17
164	10.290	1358.96	3.63	2596.	13836.	2596.	69.09	5.75	57.39	5.75	3.07	.5	3.96

FROM= .53 IIFR= 124 FRM= .34 IIFM= 35

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1322 DTH= .0079 ITERR= 9

TT = 12.1362 DTH = .0039 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68824.84 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.69
24	1.640	1536.04	2.00	0.	2185.	0.	4.38	.00	4.26	.00	.90	.4	2.04
64	4.730	1467.01	2.79	0.	7531.	0.	21.00	.00	20.86	.00	1.37	.4	2.01
93	5.460	1453.99	2.91	983.	8352.	983.	30.01	1.50	26.96	1.50	2.91	.5	3.99
125	7.450	1408.90	3.06	1928.	11779.	1928.	47.89	3.64	40.20	3.64	2.28	.4	3.90
140	8.480	1392.17	3.81	727.	13541.	727.	57.13	.97	53.92	.97	3.36	.5	4.17
164	10.290	1358.96	3.61	2604.	13853.	2604.	68.82	5.74	57.16	5.74	3.08	.5	3.96

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 36
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 8 9 10
TT= 12.1362 DTH= .0039 ITERR= 9

TT = 12.1381 DTH = .0020 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68804.42 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.69
24	1.640	1536.04	2.01	0.	2183.	0.	4.38	.00	4.27	.00	.90	.4	2.04
64	4.730	1467.01	2.79	0.	7526.	0.	20.98	.00	20.84	.00	1.37	.4	2.01
93	5.460	1453.99	2.91	979.	8342.	979.	29.96	1.49	26.91	1.49	2.91	.5	3.99
125	7.450	1408.90	3.06	1926.	11774.	1926.	47.82	3.63	40.14	3.63	2.27	.4	3.90
140	8.480	1392.17	3.82	720.	13518.	720.	57.15	.97	53.95	.97	3.36	.5	4.17
164	10.290	1358.96	3.61	2601.	13847.	2601.	68.80	5.73	57.15	5.73	3.07	.5	3.96

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 34

TT = 12.1401 DTH = .0020 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68775.01 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.69
24	1.640	1536.03	1.98	0.	2168.	0.	4.29	.00	4.20	.00	.90	.3	2.03
64	4.730	1467.01	2.78	0.	7518.	0.	20.93	.00	20.81	.00	1.37	.4	2.01
93	5.460	1453.99	2.91	975.	8330.	975.	29.91	1.48	26.86	1.48	2.90	.5	3.99
125	7.450	1408.89	3.06	1920.	11759.	1920.	47.80	3.63	40.13	3.63	2.27	.4	3.89
140	8.480	1392.17	3.81	723.	13527.	723.	57.01	.97	53.81	.97	3.36	.5	4.17
164	10.290	1358.96	3.61	2600.	13844.	2600.	68.78	5.73	57.13	5.73	3.07	.5	3.96

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 34
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1401 DTH= .0200 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1401 DTH= .0100 ITERR= 9

TT = 12.1426 DTH = .0025 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68695.86 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.04	2.03	0.	2186.	0.	4.43	.00	4.32	.00	.91	.4	2.04
64	4.730	1467.01	2.78	0.	7509.	0.	20.87	.00	20.76	.00	1.37	.4	2.01
93	5.460	1453.99	2.91	970.	8318.	970.	29.84	1.47	26.79	1.47	2.90	.5	3.93
125	7.450	1408.89	3.06	1920.	11758.	1920.	47.68	3.62	40.02	3.62	2.27	.4	3.89
140	8.480	1392.17	3.81	720.	13516.	720.	56.95	.97	53.76	.97	3.35	.5	4.17
164	10.290	1358.96	3.61	2601.	13846.	2601.	68.70	5.72	57.06	5.72	3.07	.5	3.96

FROM= .53 IIFR= 124 FRM= .34 IIFM= 33
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1426 DTH= .0175 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1426 DTH= .0088 ITERR= 9

TT = 12.1448 DTH = .0022 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68656.33 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.02	1.92	0.	2139.	0.	4.11	.00	4.06	.00	.88	.3	2.02
64	4.730	1467.01	2.78	0.	7501.	0.	20.82	.00	20.73	.00	1.37	.4	2.01
93	5.460	1453.98	2.91	965.	8303.	965.	29.79	1.46	26.75	1.46	2.90	.5	3.98
125	7.450	1408.89	3.06	1915.	11745.	1915.	47.64	3.61	39.99	3.61	2.27	.4	3.89
140	8.480	1392.16	3.81	716.	13502.	716.	56.91	.97	53.73	.97	3.35	.5	4.16
164	10.290	1358.96	3.60	2601.	13846.	2601.	68.66	5.72	57.03	5.72	3.07	.5	3.96

FROM= .53 IIFR= 124 FRM= .34 IIFM= 24
NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1448 DTH= .0153 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1448 DTH= .0077 ITERR= 9

TT = 12.1467 DTH = .0019 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68646.10 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.03	2.00	0.	2165.	0.	4.34	.00	4.25	.00	.90	.4	2.03

64	4.730	1467.01	2.77	0.	7494.	0.	20.78	.00	20.70	.00	1.37	.4	2.01
93	5.460	1453.98	2.91	962.	8296.	962.	29.73	1.46	26.70	1.46	2.90	.5	3.98
125	7.450	1408.89	3.06	1911.	11735.	1911.	47.59	3.60	39.96	3.60	2.27	.4	3.89
140	8.480	1392.16	3.81	714.	13495.	714.	56.86	.97	53.68	.97	3.35	.5	4.16
164	10.290	1358.96	3.61	2599.	13843.	2599.	68.65	5.71	57.02	5.71	3.07	.5	3.96

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 33

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1467 DTH= .0134 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 6 7 8 9 10 11

TT= 12.1467 DTH= .0067 ITERR= 9

TT = 12.1484 DTH = .0017 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68666.50 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.03	2.00	0.	2163.	0.	4.32	.00	4.24	.00	.89	.4	2.03
64	4.730	1467.01	2.77	0.	7488.	0.	20.74	.00	20.67	.00	1.37	.4	2.01
93	5.460	1453.98	2.91	958.	8285.	958.	29.70	1.45	26.57	1.45	2.90	.5	3.98
125	7.450	1408.89	3.06	1909.	11730.	1909.	47.54	3.59	39.91	3.59	2.27	.4	3.89
140	8.480	1392.16	3.81	713.	13489.	713.	56.81	.96	53.63	.96	3.35	.5	4.16
164	10.290	1358.96	3.61	2596.	13835.	2596.	68.67	5.71	57.04	5.71	3.07	.5	3.96

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 34

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1484 DTH= .0117 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.1484 DTH= .0059 ITERR= 9

TT = 12.1498 DTH = .0015 ITERR = 1

QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68730.02 YU(N) = 1358.96

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.02	1.97	0.	2149.	0.	4.23	.00	4.16	.00	.89	.3	2.02
64	4.730	1467.01	2.77	0.	7484.	0.	20.72	.00	20.66	.00	1.36	.4	2.01
93	5.460	1453.98	2.91	955.	8277.	955.	29.67	1.44	26.64	1.44	2.89	.5	3.98
125	7.450	1408.89	3.06	1907.	11725.	1907.	47.49	3.59	39.88	3.59	2.27	.4	3.89
140	8.480	1392.16	3.81	711.	13484.	711.	56.76	.96	53.59	.96	3.35	.5	4.16
164	10.290	1358.96	3.62	2588.	13820.	2588.	68.73	5.71	57.10	5.71	3.07	.5	3.96

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 32

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1498 DTH= .0103 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.1498 DTH= .0051 ITERR= 9

TT = 12.1511 DTH = .0013 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68867.95 YU(N) = 1358.95

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.02	1.95	0.	2140.	0.	4.18	.00	4.12	.00	.88	.3	2.02
64	4.730	1467.00	2.76	0.	7477.	0.	20.67	.00	20.62	.00	1.36	.4	2.00
93	5.460	1453.98	2.91	953.	8271.	953.	29.64	1.44	26.61	1.44	2.89	.5	3.93
125	7.450	1408.89	3.06	1905.	11720.	1905.	47.45	3.58	39.85	3.58	2.26	.4	3.89
140	8.480	1392.16	3.81	710.	13478.	710.	56.73	.96	53.56	.96	3.35	.5	4.16
164	10.290	1358.95	3.64	2576.	13794.	2576.	68.87	5.70	57.23	5.70	3.06	.5	3.95

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 33

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 6 7 8 9 10
TT= 12.1511 DTH= .0090 ITERR= 9

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10
TT= 12.1511 DTH= .0045 ITERR= 9

TT = 12.1522 DTH = .0011 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 69150.48 YU(N) = 1358.94

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.02	1.95	0.	2137.	0.	4.18	.00	4.13	.00	.88	.3	2.02
64	4.730	1467.00	2.77	0.	7476.	0.	20.68	.00	20.63	.00	1.36	.4	2.00
93	5.460	1453.98	2.91	951.	8265.	951.	29.61	1.43	26.58	1.43	2.89	.5	3.98
125	7.450	1408.88	3.05	1903.	11716.	1903.	47.42	3.58	39.82	3.58	2.26	.4	3.88
140	8.480	1392.16	3.81	708.	13472.	708.	56.71	.96	53.54	.96	3.35	.5	4.16
164	10.290	1358.94	3.67	2552.	13744.	2552.	69.15	5.69	57.49	5.69	3.06	.5	3.94

FRDM= .53 IIFR= 124 FRM= .34 IIFM= 33

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9
TT= 12.1522 DTH= .0079 ITERR= 9

TT = 12.1562 DTH = .0039 ITERR = 1
QU(1) = 1052.40 YU(1) = 1582.79 QU(N) = 68711.48 YU(N) = 1358.95

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	*********	*********	*********	*********	*********	*********	*********	*******	******	********
1	.010	1582.79	1.51	0.	696.	0.	1.05	.00	.69	.00	.04	.4	.59
24	1.640	1536.02	1.96	0.	2133.	0.	4.19	.00	4.14	.00	.88	.3	2.02
64	4.730	1467.00	2.76	0.	7459.	0.	20.56	.00	20.54	.00	1.36	.4	2.00
93	5.460	1453.97	2.91	943.	8243.	943.	29.52	1.42	26.50	1.42	2.89	.5	3.97
125	7.450	1408.88	3.05	1896.	11699.	1896.	47.32	3.56	39.74	3.56	2.26	.4	3.88
140	8.480	1392.16	3.80	707.	13468.	707.	56.55	.96	53.40	.96	3.35	.5	4.16

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164    10.290  1358.95     3.63    2568.    13777.     2568.     68.71     5.67     57.11     5.67     3.06    .5     3.95
       FRDM=     .53  IIFR=  124  FRM= .34 IIFM=   32
                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   3   4   5   6   8   9  10  11
                                                TT=   12.1562    DTH=    .0039    ITERR= 9


       TT =  12.1581          DTH =   .0020          ITERR =   1
       QU(1) =    1052.40    YU(1) =    1582.79  QU(N) =   68673.34  YU(N) =    1358.95

  I     X(I)      Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****  ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ****** ********
  1     .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04    .4      .59
 24    1.640  1536.01     1.96       0.    2129.       0.     4.17      .00     4.13      .00      .88    .3     2.01
 64    4.730  1467.00     2.75       0.    7453.       0.    20.53      .00    20.52      .00     1.36    .4     2.00
 93    5.460  1453.97     2.91     939.    8231.     939.    29.47     1.41    26.46     1.41     2.89    .5     3.97
125    7.450  1408.88     3.05    1895.   11695.    1895.    47.24     3.56    39.67     3.56     2.26    .4     3.88
140    8.480  1392.15     3.82     699.   13436.     699.    56.62      .96    53.47      .96     3.34    .5     4.15
164   10.290  1358.95     3.63    2564.   13770.    2564.    68.67     5.67    57.08     5.67     3.06    .5     3.95
       FRDM=     .53  IIFR=  124  FRM= .34 IIFM=   32


       TT =  12.1601          DTH =   .0020          ITERR =   1
       QU(1) =    1052.40    YU(1) =    1582.79  QU(N) =   68620.48  YU(N) =    1358.95

  I     X(I)      Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****  ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ****** ********
  1     .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04    .4      .59
 24    1.640  1536.01     1.93       0.    2114.       0.     4.08      .00     4.06      .00      .87    .3     2.01
 64    4.730  1467.00     2.75       0.    7446.       0.    20.49      .00    20.49      .00     1.36    .4     2.00
 93    5.460  1453.97     2.92     935.    8220.     935.    29.42     1.40    26.41     1.40     2.88    .5     3.97
125    7.450  1408.88     3.06    1887.   11676.    1887.    47.25     3.55    39.69     3.55     2.26    .4     3.88
140    8.480  1392.16     3.80     704.   13455.     704.    56.42      .96    53.28      .96     3.35    .5     4.16
164   10.290  1358.95     3.63    2565.   13771.    2565.    68.62     5.66    57.03     5.66     3.06    .5     3.95
       FRDM=     .53  IIFR=  124  FRM= .34 IIFM=   24
                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                TT=   12.1601    DTH=    .0200    ITERR= 9


                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                TT=   12.1601    DTH=    .0100    ITERR= 9


       TT =  12.1626          DTH =   .0025          ITERR =   1
       QU(1) =    1052.40    YU(1) =    1582.79  QU(N) =   68503.08  YU(N) =    1358.95

  I     X(I)      Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****  ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ****** ********
  1     .010  1582.79     1.51       0.     696.       0.     1.05      .00      .69      .00      .04    .4      .59
 24    1.640  1536.01     1.98       0.    2129.       0.     4.21      .00     4.17      .00      .88    .3     2.01
 64    4.730  1467.00     2.75       0.    7437.       0.    20.44      .00    20.43      .00     1.36    .4     2.00
 93    5.460  1453.96     2.91     931.    8208.     931.    29.34     1.39    26.34     1.39     2.88    .5     3.96
125    7.450  1408.88     3.05    1889.   11681.    1889.    47.09     3.54    39.56     3.54     2.26    .4     3.88
140    8.480  1392.15     3.80     701.   13443.     701.    56.38      .96    53.24      .96     3.34    .5     4.15
```

```
164    10.290  1358.95     3.62    2568.   13778.    2568.    68.50     5.66    56.93     5.66     3.06   .5     3.95
       FRDM=    .53  IIFR=  124  FRM= .34 IIFM=   25
                                NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                          TT=  12.1626    DTH=    .0175    ITERR= 9


                                NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                          TT=  12.1626    DTH=    .0088    ITERR= 9


       TT =  12.1648          DTH =   .0022         ITERR =   2
       QU(1) =    1052.40     YU(1) =    1582.79  QU(N) =   68102.51  YU(N) =    1358.95

  I     X(I)       Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ******  ********
  1      .010  1582.79      1.51       0.     696.       0.     1.05      .00      .69      .00      .04   .4      .59
 24     1.640  1536.00      1.89       0.    2091.       0.     3.96      .00     3.95      .00      .86   .3     2.00
 64     4.730  1467.00      2.75       0.    7429.       0.    20.41      .00    20.39      .00     1.35   .4     2.00
 93     5.460  1453.96      2.92     925.    8191.     925.    29.30     1.38    26.31     1.38     2.88   .5     3.96
125     7.450  1408.88      3.05    1883.   11665.    1883.    47.07     3.53    39.54     3.53     2.25   .4     3.88
140     8.480  1392.15      3.80     697.   13427.     697.    56.36      .96    53.23      .96     3.34   .5     4.15
164    10.290  1358.95      3.59    2579.   13800.    2579.    68.10     5.64    56.59     5.64     3.07   .5     3.95
       FRDM=    .61  IIFR=    4  FRM= .07 IIFM=    5
                                NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                          TT=  12.1648    DTH=    .0153    ITERR= 9


       TT =  12.1724          DTH =   .0077         ITERR =   4
       QU(1) =    1052.40     YU(1) =    1584.09  QU(N) =   68247.89  YU(N) =    1358.96

  I     X(I)       Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ******  ********
  1      .010  1584.09       .44       0.    2395.       0.     1.05      .00     1.04      .00     1.34   .1     1.89
 24     1.640  1536.00      1.95       0.    2094.       0.     4.09      .00     4.08      .00      .86   .3     2.00
 64     4.730  1466.99      2.74       0.    7401.       0.    20.28      .00    20.23      .00     1.35   .4     1.99
 93     5.460  1453.95      2.92     910.    8149.     910.    29.07     1.35    26.10     1.35     2.87   .5     3.95
125     7.450  1408.87      3.05    1871.   11633.    1871.    46.86     3.50    39.38     3.50     2.25   .4     3.87
140     8.480  1392.15      3.80     690.   13400.     690.    56.13      .95    53.02      .95     3.34   .5     4.15
164    10.290  1358.96      3.59    2596.   13836.    2596.    68.25     5.68    56.69     5.68     3.07   .5     3.96
       FRDM=    3.55  IIFR=    2  FRM= .06 IIFM=    1


       TT =  12.1801          DTH =   .0077         ITERR =   0
       QU(1) =    1052.40     YU(1) =    1584.75  QU(N) =   68212.66  YU(N) =    1358.97

  I     X(I)       Y         V       AL       AC       AR        Q       QL       QC       QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******* ******  ********
  1      .010  1584.75       .32       0.    3244.       0.     1.05      .00     1.03      .00     2.00   .0     2.55
 24     1.640  1536.00      1.98       0.    2096.       0.     4.15      .00     4.15      .00      .86   .3     2.00
 64     4.730  1466.99      2.74       0.    7388.       0.    20.22      .00    20.16      .00     1.35   .4     1.99
 93     5.460  1453.95      2.91     902.    8128.     902.    28.95     1.33    25.99     1.33     2.87   .5     3.95
125     7.450  1408.87      3.05    1864.   11617.    1864.    46.75     3.48    39.29     3.48     2.25   .4     3.87
140     8.480  1392.14      3.80     686.   13386.     686.    56.02      .95    52.92      .95     3.33   .5     4.14
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164    10.290  1358.97     3.57    2611.   13867.    2611.    68.21     5.69    56.65     5.69     3.08    .5     3.97
        FRDM=    3.55  IIFR=    2  FRM= .04 IIFM=    1
                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1801    DTH=    .0200    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1801    DTH=    .0100    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     2   3   4   5   6   7   8   9  10
                                                  TT=   12.1801    DTH=    .0025    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1801    DTH=    .0100    ITERR= 9




        TT =  12.1901          DTH =   .0100          ITERR =   9
        QU(1) =    1052.40     YU(1) =    1627.49  QU(N) =   64294.32  YU(N) =    1358.86

  I     X(I)       Y         V        AL       AC       AR        Q        QL       QC       QR      WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******** ******* ****** ********
  1      .010  1627.49      .02     680.   58808.     680.     1.05      .01     1.26      .01    44.74    .0    45.29
 24     1.640  1535.44     3.84       0.    1082.       0.     4.15      .00     3.27      .00      .30    .8     1.44
 64     4.730  1466.70     1.96       0.    5822.       0.    11.38      .00    10.42      .00     1.06    .3     1.70
 93     5.460  1453.49     2.01     243.    5958.     243.    12.93      .16    12.59      .16     2.41    .3     3.49
125     7.450  1408.65     2.63    1429.   10423.    1429.    34.94     2.25    29.96     2.25     2.03    .4     3.65
140     8.480  1391.90     3.34     498.   12071.     498.    43.64      .97    41.49      .97     3.09    .4     3.90
164    10.290  1358.86     3.58    2342.   13295.    2342.    64.29     5.01    53.71     5.01     2.97    .5     3.86
        FRDM=    3.55  IIFR=    2  FRM= .00 IIFM=    1
                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1901    DTH=    .0100    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1901    DTH=    .0050    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                                  TT=   12.1901    DTH=    .0012    ITERR= 9


                                  NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3
                                                  TT=   12.1901    DTH=    .0050    ITERR= 9




        TT =  12.1951          DTH =   .0050          ITERR =   9
        QU(1) =    1052.40     YU(1) =    1604.27  QU(N) =   63546.52  YU(N) =    1358.87

  I     X(I)       Y         V        AL       AC       AR        Q        QL       QC       QR      WAVHT   FRD     DEPTH
****   ******* *********  ******* ******** ******** ******** ******** ******** ******** ******** ******* ****** ********
  1      .010  1604.27      .04     215.   28627.     215.     1.05      .00     1.04      .00    21.52    .0    22.07
 24     1.640  1535.41     2.06       0.    1039.       0.     2.14      .00     1.68      .00      .27    .4     1.41
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64	4.730	1466.66	2.50	0.	5621.	0.	14.08	.00	12.75	.00	1.02	.4	1.66
93	5.460	1453.48	2.48	232.	5914.	232.	15.82	.18	15.38	.18	2.40	.4	3.48
125	7.450	1408.64	2.74	1417.	10386.	1417.	36.27	2.33	31.14	2.33	2.02	.4	3.64
140	8.480	1391.90	3.49	499.	12081.	499.	45.66	1.01	43.41	1.01	3.09	.4	3.90
164	10.290	1358.87	3.53	2349.	13311.	2349.	63.55	4.96	53.07	4.96	2.98	.5	3.87

FROM= 2.32 IIFR= 2 FRM= .00 IIFM= 1

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 1 2 3 4 5 6 7 8 9

TT= 12.1951 DTH= .0050 ITERR= 9

TT = 12.1976 DTH = .0025 ITERR = 2

QU(1) = 1052.40 YU(1) = 1595.46 QU(N) = 63392.06 YU(N) = 1358.87

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1595.46	.06	40.	17175.	40.	1.05	.00	1.05	.00	12.71	.0	13.26
24	1.640	1535.41	1.78	0.	1038.	0.	1.85	.00	1.44	.00	.27	.4	1.41
64	4.730	1466.65	2.67	0.	5581.	0.	14.90	.00	13.46	.00	1.01	.5	1.65
93	5.460	1453.48	2.65	226.	5888.	226.	16.80	.19	16.32	.19	2.39	.5	3.48
125	7.450	1408.64	2.78	1410.	10365.	1410.	36.71	2.35	31.53	2.35	2.02	.4	3.64
140	8.480	1391.90	3.55	499.	12080.	499.	46.41	1.03	44.12	1.03	3.09	.4	3.90
164	10.290	1358.87	3.52	2350.	13311.	2350.	63.39	4.95	52.94	4.95	2.98	.5	3.87

FROM= 1.87 IIFR= 2 FRM= .00 IIFM= 1

TT = 12.2001 DTH = .0025 ITERR = 2

QU(1) = 1052.40 YU(1) = 1589.82 QU(N) = 63451.50 YU(N) = 1358.87

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1589.82	.11	0.	9846.	0.	1.05	.00	1.05	.00	7.08	.0	7.62
24	1.640	1535.37	1.68	0.	990.	0.	1.66	.00	1.29	.00	.24	.4	1.37
64	4.730	1466.65	2.71	0.	5590.	0.	15.12	.00	13.67	.00	1.01	.5	1.65
93	5.460	1453.47	2.74	219.	5855.	219.	17.26	.19	16.75	.19	2.38	.5	3.47
125	7.450	1408.63	2.81	1401.	10339.	1401.	36.87	2.35	31.69	2.35	2.01	.4	3.63
140	8.480	1391.90	3.58	498.	12078.	498.	46.79	1.04	44.48	1.04	3.09	.4	3.90
164	10.290	1358.87	3.52	2349.	13311.	2349.	63.45	4.95	52.99	4.95	2.98	.5	3.87

FROM= 1.21 IIFR= 2 FRM= .01 IIFM= 1

NONCONVERGENCE OCCURRED AT CROSS-SECTION NO. 2 3 4 5 6 7 8 9 10

TT= 12.2001 DTH= .0200 ITERR= 9

TT = 12.2101 DTH = .0100 ITERR = 3

QU(1) = 1052.40 YU(1) = 1583.48 QU(N) = 63555.10 YU(N) = 1358.87

I	X(I)	Y	V	AL	AC	AR	Q	QL	QC	QR	WAVHT	FRD	DEPTH
****	*******	*********	*******	********	********	********	********	********	********	********	*******	******	********
1	.010	1583.48	.66	0.	1600.	0.	1.05	.00	.98	.00	.73	.1	1.28
24	1.640	1535.42	2.00	0.	1058.	0.	2.12	.00	1.66	.00	.28	.4	1.42
64	4.730	1466.66	2.67	0.	5651.	0.	15.10	.00	13.70	.00	1.02	.5	1.66
93	5.460	1453.44	2.88	192.	5737.	192.	17.64	.16	17.05	.16	2.35	.5	3.44
125	7.450	1408.62	2.82	1371.	10250.	1371.	36.69	2.31	31.62	2.31	2.00	.4	3.62
140	8.480	1391.90	3.62	495.	12042.	495.	47.21	1.04	44.88	1.04	3.09	.4	3.90

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164    10.290  1358.87     3.52     2357.    13328.     2357.     63.56     4.97     53.07     4.97     2.98   .5     3.87
       FROM=  ..70  IIFR=   5  FRM= .08 IIFM=   2


       TT =  12.2201          DTH =  .0100          ITERR =  0
       QU(1) =    1052.40     YU(1) =    1583.48  QU(N) =  63557.19  YU(N) =    1358.87

 I     X(I)       Y         V        AL        AC        AR         Q        QL        QC        QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ********* ********* ********* ********* ********* ********* ********* ******* ******  ********
 1      .010  1583.48      .66       0.     1600.       0.      1.05      .00       .98      .00       .73   .1      1.28
 24    1.640  1535.44     2.14       0.     1093.       0.      2.34      .00      1.85      .00       .31   .4      1.44
 64    4.730  1466.67     2.66       0.     5682.       0.     15.09      .00     13.71      .00      1.03   .4      1.67
 93    5.460  1453.42     2.95     180.     5679.     180.     17.83      .15     17.21      .15      2.34   .5      3.42
125    7.450  1408.61     2.83    1356.    10205.    1356.     36.61     2.30     31.59     2.30      1.99   .4      3.61
140    8.480  1391.89     3.64     493.    12024.     493.     47.41     1.04     45.07     1.04      3.08   .5      3.89
164   10.290  1358.87     3.52    2364.    13344.    2364.     63.56     4.98     53.06     4.98      2.98   .5      3.87
       FROM=     .83  IIFR=   3  FRM= .10 IIFM=   1
                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                          TT=   12.2201    DTH=    .0200    ITERR= 9


       TT =  12.2301          DTH =  .0100          ITERR =  4
       QU(1) =    1052.40     YU(1) =    1583.43  QU(N) =  63437.95  YU(N) =    1358.87

 I     X(I)       Y         V        AL        AC        AR         Q        QL        QC        QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ********* ********* ********* ********* ********* ********* ********* ******* ******  ********
 1      .010  1583.43      .68       0.     1538.       0.      1.05      .00       .99      .00       .68   .1      1.23
 24    1.640  1535.45     2.02       0.     1106.       0.      2.24      .00      1.77      .00       .32   .4      1.45
 64    4.730  1466.67     2.60       0.     5672.       0.     14.75      .00     13.40      .00      1.03   .4      1.67
 93    5.460  1453.40     2.93     161.     5591.     161.     17.31      .13     16.67      .13      2.32   .5      3.40
125    7.450  1408.60     2.82    1335.    10140.    1335.     36.10     2.25     31.21     2.25      1.98   .4      3.60
140    8.480  1391.89     3.62     490.    11994.     490.     47.00     1.03     44.67     1.03      3.08   .4      3.89
164   10.290  1358.87     3.51    2359.    13332.    2359.     63.44     4.97     52.97     4.97      2.98   .5      3.87
       FROM=     .74  IIFR=   2  FRM= .06 IIFM=   3
                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                          TT=   12.2301    DTH=    .0100    ITERR= 9


                                 NONCONVERGENCE OCCURRED AT CROSS-SECTION NO.     1   2   3   4   5   6   7   8   9
                                          TT=   12.2301    DTH=    .0050    ITERR= 9


       TT =  12.2313          DTH =  .0012          ITERR =  1
       QU(1) =    1052.40     YU(1) =    1582.92  QU(N) =  63475.64  YU(N) =    1358.87

 I     X(I)       Y         V        AL        AC        AR         Q        QL        QC        QR     WAVHT   FRD     DEPTH
****   ******* *********  ******* ********* ********* ********* ********* ********* ********* ********* ******* ******  ********
 1      .010  1582.92     1.21       0.      873.       0.      1.05      .00       .82      .00       .17   .3       .72
 24    1.640  1535.44     1.98       0.     1092.       0.      2.16      .00      1.71      .00       .31   .4      1.44
 64    4.730  1466.67     2.60       0.     5669.       0.     14.75      .00     13.39      .00      1.03   .4      1.67
 93    5.460  1453.40     2.93     159.     5580.     159.     17.28      .13     16.63      .13      2.31   .5      3.40
125    7.450  1408.60     2.82    1333.    10134.    1333.     36.06     2.24     31.19     2.24      1.98   .4      3.60
140    8.480  1391.89     3.62     490.    11992.     490.     46.97     1.03     44.65     1.03      3.08   .4      3.89
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164 10.290 1358.87 3.52 2353. 13319. 2353. 63.48 4.96 53.01 4.96 2.98 .5 3.87
FROM= .76 IIFR= 2 FRM= .03 IIFM= 3

NORMALIZED CONSERVATION OF MASS AS PERCENT OF MAX FLOW IN REACH = -1.55

ROUTING COMPLETED.

KTIME= 699 ALLOWABLE KTIME= 699 TT= 12.2

1

PROFILE OF CRESTS AND TIMES FOR RITTENHOUSE RES.
BELOW RITTENHOUSE FRS

DISTANCE FROM DAM MILE	MAX ELEV FEET	MAX FLOW CFS	TIME MAX ELEV-HRS	MAX VL FPS	MAX VC FPS	MAX VR FPS	FLOOD ELEV FEET	TIME FLOOD ELEV-HRS
********	********	********	********	********	********	********	**********	**********
.010	1627.49 *	71478	12.190	.00	.00	.00	.00	.00
.081	1586.69	261000	9.120	.00	.00	.00	.00	.00
.152	1588.12	215903	12.198	4.08	13.98	4.08	.00	.00
.223	1583.91	171296	12.200	1.81	13.49	1.81	.00	.00
.293	1583.46	194485	12.220	3.49	11.53	3.49	.00	.00
.364	1580.04	141331	12.190	1.69	10.14	1.69	.00	.00
.435	1577.74	152164	12.231	2.11	9.91	2.11	.00	.00
.506	1575.07	103999	12.190	.63	7.90	.63	.00	.00
.577	1571.61	85488	12.231	.00	7.39	.00	.00	.00
.648	1569.45	85329	12.220	.00	7.00	.00	.00	.00
.719	1567.15	75517	9.220	.00	6.51	.00	.00	.00
.790	1564.99	71243	9.220	.00	5.76	.00	.00	.00
.860	1562.83	71225	9.240	.00	5.59	.00	.00	.00
.931	1560.67	71220	9.240	.23	5.48	.23	.00	.00
1.002	1558.52	71210	9.260	.44	5.37	.44	.00	.00
1.073	1556.37	71200	9.280	.61	5.29	.61	.00	.00
1.144	1554.21	71194	9.280	.76	5.20	.76	.00	.00
1.215	1552.05	71180	9.300	.89	5.12	.89	.00	.00
1.286	1549.89	71166	9.320	1.00	5.03	1.00	.00	.00
1.357	1547.73	71159	9.320	1.11	4.94	1.11	.00	.00
1.427	1545.56	71148	9.340	1.22	4.87	1.22	.00	.00
1.498	1543.43	71137	9.360	1.33	4.75	1.33	.00	.00
1.569	1541.18	71127	9.380	1.42	4.84	1.42	.00	.00
1.640	1539.32	71111	9.400	1.68	4.23	1.68	.00	.00
1.717	1537.54	71096	9.420	1.68	4.23	1.68	.00	.00

1.794	1535.76	71081	9.440	1.67	4.22	1.67	.00	.00
1.872	1533.98	71068	9.460	1.67	4.21	1.67	.00	.00
1.949	1532.20	71054	9.480	1.66	4.21	1.66	.00	.00
2.026	1530.43	71038	9.500	1.66	4.20	1.66	.00	.00
2.103	1528.65	71023	9.520	1.66	4.20	1.66	.00	.00
2.181	1526.87	71006	9.540	1.65	4.19	1.65	.00	.00
2.258	1525.09	70990	9.560	1.65	4.18	1.65	.00	.00
2.335	1523.31	70977	9.600	1.64	4.17	1.64	.00	.00
2.412	1521.53	70963	9.620	1.64	4.17	1.64	.00	.00
2.490	1519.75	70948	9.640	1.64	4.16	1.64	.00	.00
2.567	1517.98	70938	9.660	1.64	4.15	1.64	.00	.00
2.644	1516.21	70928	9.680	1.65	4.15	1.65	.00	.00
2.721	1514.44	70916	9.700	1.65	4.14	1.65	.00	.00
2.799	1512.67	70902	9.720	1.66	4.14	1.66	.00	.00
2.876	1510.89	70886	9.740	1.66	4.14	1.66	.00	.00
2.953	1509.11	70872	9.760	1.66	4.12	1.66	.00	.00
3.030	1507.34	70857	9.780	1.66	4.11	1.66	.00	.00
3.108	1505.57	70842	9.800	1.66	4.10	1.66	.00	.00
3.185	1503.79	70830	9.840	1.67	4.09	1.67	.00	.00
3.262	1502.02	70817	9.860	1.67	4.08	1.67	.00	.00
3.339	1500.25	70807	9.880	1.68	4.08	1.68	.00	.00
3.417	1498.48	70796	9.900	1.69	4.07	1.69	.00	.00
3.494	1496.72	70785	9.920	1.70	4.06	1.70	.00	.00

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PROFILE OF CRESTS AND TIMES FOR RITTENHOUSE RES.
BELOW RITTENHOUSE FRS

DISTANCE FROM DAM MILE	MAX ELEV FEET	MAX FLOW CFS	TIME MAX ELEV-HRS	MAX VL FPS	MAX VC FPS	MAX VR FPS	FLOOD ELEV FEET	TIME FLOOD ELEV-HRS
********	********	********	********	********	********	********	**********	**********
3.571	1494.95	70776	9.940	1.71	4.05	1.71	.00	.00
3.648	1493.18	70765	9.960	1.72	4.05	1.72	.00	.00
3.726	1491.41	70751	9.980	1.73	4.05	1.73	.00	.00
3.803	1489.64	70737	10.000	1.73	4.03	1.73	.00	.00
3.880	1487.87	70720	10.020	1.74	4.02	1.74	.00	.00
3.957	1486.10	70706	10.060	1.75	4.01	1.75	.00	.00
4.035	1484.33	70695	10.080	1.76	3.99	1.76	.00	.00
4.112	1482.57	70683	10.100	1.77	3.98	1.77	.00	.00
4.189	1480.80	70673	10.120	1.78	3.97	1.78	.00	.00
4.266	1479.04	70661	10.140	1.79	3.96	1.79	.00	.00
4.344	1477.27	70650	10.160	1.81	3.95	1.81	.00	.00
4.421	1475.51	70637	10.200	1.82	3.94	1.82	.00	.00
4.498	1473.73	70625	10.200	1.84	3.96	1.84	.00	.00
4.576	1472.02	70614	10.240	1.85	3.84	1.85	.00	.00
4.653	1470.05	70604	10.260	1.86	4.23	1.86	.00	.00
4.730	1468.29	70592	10.280	1.87	4.22	1.87	.00	.00
4.755	1467.82	70588	10.300	1.90	4.21	1.90	.00	.00
4.780	1467.36	70585	10.300	1.92	4.21	1.92	.00	.00
4.806	1466.90	70581	10.300	1.95	4.21	1.95	.00	.00
4.831	1466.43	70578	10.300	1.98	4.22	1.98	.00	.00
4.856	1465.96	70573	10.320	1.99	4.21	1.99	.00	.00
4.881	1465.50	70571	10.320	2.01	4.20	2.01	.00	.00
4.906	1465.03	70566	10.320	2.03	4.18	2.03	.00	.00
4.931	1464.57	70561	10.340	2.05	4.17	2.05	.00	.00

4.957	1464.11	70557	10.340	2.07	4.16	2.07	.00	.00
4.982	1463.65	70551	10.360	2.09	4.15	2.09	.00	.00
5.007	1463.19	70548	10.360	2.11	4.14	2.11	.00	.00
5.032	1462.73	70544	10.360	2.14	4.14	2.14	.00	.00
5.057	1462.27	70540	10.380	2.16	4.15	2.16	.00	.00
5.082	1461.80	70536	10.380	2.18	4.14	2.18	.00	.00
5.108	1461.34	70535	10.380	2.19	4.12	2.19	.00	.00
5.133	1460.88	70529	10.400	2.21	4.11	2.21	.00	.00
5.158	1460.42	70526	10.400	2.23	4.10	2.23	.00	.00
5.183	1459.96	70523	10.400	2.24	4.09	2.24	.00	.00
5.208	1459.50	70517	10.420	2.26	4.08	2.26	.00	.00
5.233	1459.05	70513	10.420	2.28	4.07	2.28	.00	.00
5.259	1458.59	70510	10.420	2.30	4.07	2.30	.00	.00
5.284	1458.14	70504	10.440	2.33	4.07	2.33	.00	.00
5.309	1457.67	70503	10.440	2.34	4.06	2.34	.00	.00
5.334	1457.22	70499	10.440	2.35	4.04	2.35	.00	.00
5.359	1456.76	70492	10.460	2.36	4.03	2.36	.00	.00
5.384	1456.30	70489	10.460	2.38	4.02	2.38	.00	.00
5.410	1455.84	70485	10.460	2.40	4.03	2.40	.00	.00
5.435	1455.35	70480	10.480	2.44	4.09	2.44	.00	.00
5.460	1454.80	70479	10.480	2.57	4.31	2.57	.00	.00
5.522	1453.37	70470	10.500	2.57	4.30	2.57	.00	.00
5.584	1451.95	70461	10.500	2.57	4.30	2.57	.00	.00
5.647	1450.52	70455	10.520	2.58	4.30	2.58	.00	.00

PROFILE OF CRESTS AND TIMES FOR RITTENHOUSE RES. .
BELOW RITTENHOUSE FRS

DISTANCE FROM DAM MILE	MAX ELEV FEET	MAX FLOW CFS	TIME MAX ELEV-HRS	MAX VL FPS	MAX VC FPS	MAX VR FPS	FLOOD ELEV FEET	TIME FLOOD ELEV-HRS
********	********	********	********	********	********	********	**********	**********
5.709	1449.10	70453	10.540	2.58	4.30	2.58	.00	.00
5.771	1447.67	70443	10.560	2.58	4.30	2.58	.00	.00
5.833	1446.25	70436	10.580	2.58	4.30	2.58	.00	.00
5.895	1444.82	70429	10.600	2.59	4.31	2.59	.00	.00
5.957	1443.40	70422	10.600	2.59	4.31	2.59	.00	.00
6.020	1441.97	70420	10.620	2.59	4.31	2.59	.00	.00
6.082	1440.55	70412	10.640	2.59	4.31	2.59	.00	.00
6.144	1439.12	70405	10.640	2.59	4.31	2.59	.00	.00
6.206	1437.70	70400	10.660	2.59	4.32	2.59	.00	.00
6.268	1436.27	70395	10.680	2.59	4.32	2.59	.00	.00
6.331	1434.85	70388	10.700	2.59	4.33	2.59	.00	.00
6.393	1433.42	70381	10.720	2.58	4.33	2.58	.00	.00
6.455	1432.00	70370	10.740	2.58	4.34	2.58	.00	.00
6.517	1430.57	70359	10.740	2.58	4.34	2.58	.00	.00
6.579	1429.14	70352	10.780	2.57	4.34	2.57	.00	.00
6.642	1427.71	70341	10.800	2.56	4.34	2.56	.00	.00
6.704	1426.28	70332	10.800	2.56	4.34	2.56	.00	.00
6.766	1424.85	70325	10.820	2.55	4.34	2.55	.00	.00
6.828	1423.42	70314	10.840	2.54	4.34	2.54	.00	.00
6.890	1421.99	70307	10.860	2.53	4.34	2.53	.00	.00
6.952	1420.57	70298	10.880	2.53	4.35	2.53	.00	.00
7.015	1419.14	70289	10.880	2.52	4.35	2.52	.00	.00
7.077	1417.71	70283	10.900	2.51	4.35	2.51	.00	.00

7.139	1416.28	70274	10.920	2.50	4.36	2.50	.00	.00
7.201	1414.85	70263	10.940	2.49	4.36	2.49	.00	.00
7.263	1413.42	70255	10.960	2.48	4.37	2.48	.00	.00
7.326	1412.01	70249	10.980	2.45	4.34	2.45	.00	.00
7.388	1410.52	70241	11.000	2.51	4.48	2.51	.00	.00
7.450	1409.36	70231	11.020	2.21	3.92	2.21	.00	.00
7.519	1408.23	70212	11.040	2.14	3.94	2.14	.00	.00
7.587	1407.11	70192	11.060	2.07	3.95	2.07	.00	.00
7.656	1405.99	70174	11.080	2.00	3.97	2.00	.00	.00
7.725	1404.87	70153	11.100	1.94	3.99	1.94	.00	.00
7.793	1403.75	70132	11.140	1.87	4.00	1.87	.00	.00
7.862	1402.63	70108	11.160	1.81	4.02	1.81	.00	.00
7.931	1401.51	70080	11.180	1.75	4.04	1.75	.00	.00
7.999	1400.40	70055	11.200	1.68	4.05	1.68	.00	.00
8.068	1399.28	70027	11.240	1.62	4.07	1.62	.00	.00
8.137	1398.16	70003	11.260	1.56	4.09	1.56	.00	.00
8.205	1397.04	69988	11.280	1.50	4.11	1.50	.00	.00
8.274	1395.92	69974	11.300	1.44	4.12	1.44	.00	.00
8.343	1394.80	69956	11.320	1.37	4.13	1.37	.00	.00
8.411	1393.68	69930	11.360	1.31	4.13	1.31	.00	.00
8.480	1392.47	69896	11.380	1.29	4.35	1.29	.00	.00
8.555	1391.07	69868	11.420	1.33	4.33	1.33	.00	.00
8.631	1389.67	69837	11.440	1.37	4.32	1.37	.00	.00
8.706	1388.27	69809	11.480	1.41	4.31	1.41	.00	.00
8.782	1386.88	69782	11.500	1.45	4.30	1.45	.00	.00

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PROFILE OF CRESTS AND TIMES FOR RITTENHOUSE RES.
BELOW RITTENHOUSE FRS

DISTANCE FROM DAM MILE	MAX ELEV FEET	MAX FLOW CFS	TIME MAX ELEV-HRS	MAX VL FPS	MAX VC FPS	MAX VR FPS	FLOOD ELEV FEET	TIME FLOOD ELEV-HRS
********	********	********	********	********	********	********	**********	**********
8.857	1385.48	69759	11.520	1.49	4.29	1.49	.00	.00
8.932	1384.08	69736	11.560	1.53	4.28	1.53	.00	.00
9.008	1382.69	69714	11.580	1.57	4.27	1.57	.00	.00
9.083	1381.29	69696	11.600	1.61	4.26	1.61	.00	.00
9.159	1379.90	69679	11.620	1.65	4.25	1.65	.00	.00
9.234	1378.50	69658	11.660	1.69	4.24	1.69	.00	.00
9.310	1377.11	69642	11.680	1.73	4.23	1.73	.00	.00
9.385	1375.71	69625	11.700	1.76	4.22	1.76	.00	.00
9.460	1374.32	69612	11.720	1.80	4.21	1.80	.00	.00
9.536	1372.92	69598	11.740	1.84	4.20	1.84	.00	.00
9.611	1371.53	69583	11.760	1.87	4.19	1.87	.00	.00
9.687	1370.14	69571	11.800	1.91	4.18	1.91	.00	.00
9.762	1368.74	69557	11.820	1.95	4.17	1.95	.00	.00
9.837	1367.35	69547	11.830	1.98	4.17	1.98	.00	.00
9.913	1365.96	69538	11.840	2.02	4.16	2.02	.00	.00
9.988	1364.56	69526	11.870	2.06	4.15	2.06	.00	.00
10.064	1363.17	69516	11.890	2.09	4.14	2.09	.00	.00
10.139	1361.78	69507	11.923	2.13	4.13	2.13	.00	.00
10.215	1360.39	69499	11.940	2.17	4.12	2.17	.00	.00
10.290	1358.99	69485	11.960	2.20	4.11	2.20	.00	.00

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 * MAXIMUM WATER SURFACE ELEVATION (MAX ELEV) IS GREATER THAN HIGHEST ELEVATION OF TOP WIDTH (MAX HS) FOR THE FOLLOWING SECTIONS:
0   SECT NO  DISTANCE   MAX HS   MAX ELEV
      1          .01   1605.00   1627.49


 THE TOP WIDTH TABLES SHOULD BE EXTENDED UPWARD AT THESE SECTIONS WHICH WOULD PREVENT MAX ELEV EXCEEDING MAX HS.
1
          PEAK ELEVATION PROFILE                                                                          ELEV
                                                MILES                                                     FEET  MILE

         .0       1.0       2.1       3.1       4.1       5.1       6.2       7.2       8.2       9.3      10.3
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    1627.49*        .         .         .         .         .         .         .         .         .     .1627.5   .0
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            . *     .         .         .         .         .         .         .         .         .     .1583.9   .2
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    1580.04. *      .         .         .         .         .         .         .         .         .     .1580.0   .4
            .  *    .         .         .         .         .         .         .         .         .     .1577.7   .4
            .  *    .         .         .         .         .         .         .         .         .     .1575.1   .5
            .   *   .         .         .         .         .         .         .         .         .     .1571.6   .6
            .    *  .         .         .         .         .         .         .         .         .     .1569.4   .6
    1567.15.     *  .         .         .         .         .         .         .         .         .     .1567.1   .7
            .     * .         .         .         .         .         .         .         .         .     .1565.0   .8
            .      *.         .         .         .         .         .         .         .         .     .1562.8   .9
            .      *.         .         .         .         .         .         .         .         .     .1560.7   .9
            .       *         .         .         .         .         .         .         .         .     .1558.5  1.0
    1556.37.        *         .         .         .         .         .         .         .         .     .1556.4  1.1
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            .       .*        .         .         .         .         .         .         .         .     .1552.1  1.2
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            .       .  *      .         .         .         .         .         .         .         .     .1547.7  1.4
    1545.56.        .  *      .         .         .         .         .         .         .         .     .1545.6  1.4
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            .       .    *    .         .         .         .         .         .         .         .     .1541.2  1.6
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            .       .       * .         .         .         .         .         .         .         .     .1532.2  1.9
            .       .        *.         .         .         .         .         .         .         .     .1530.4  2.0
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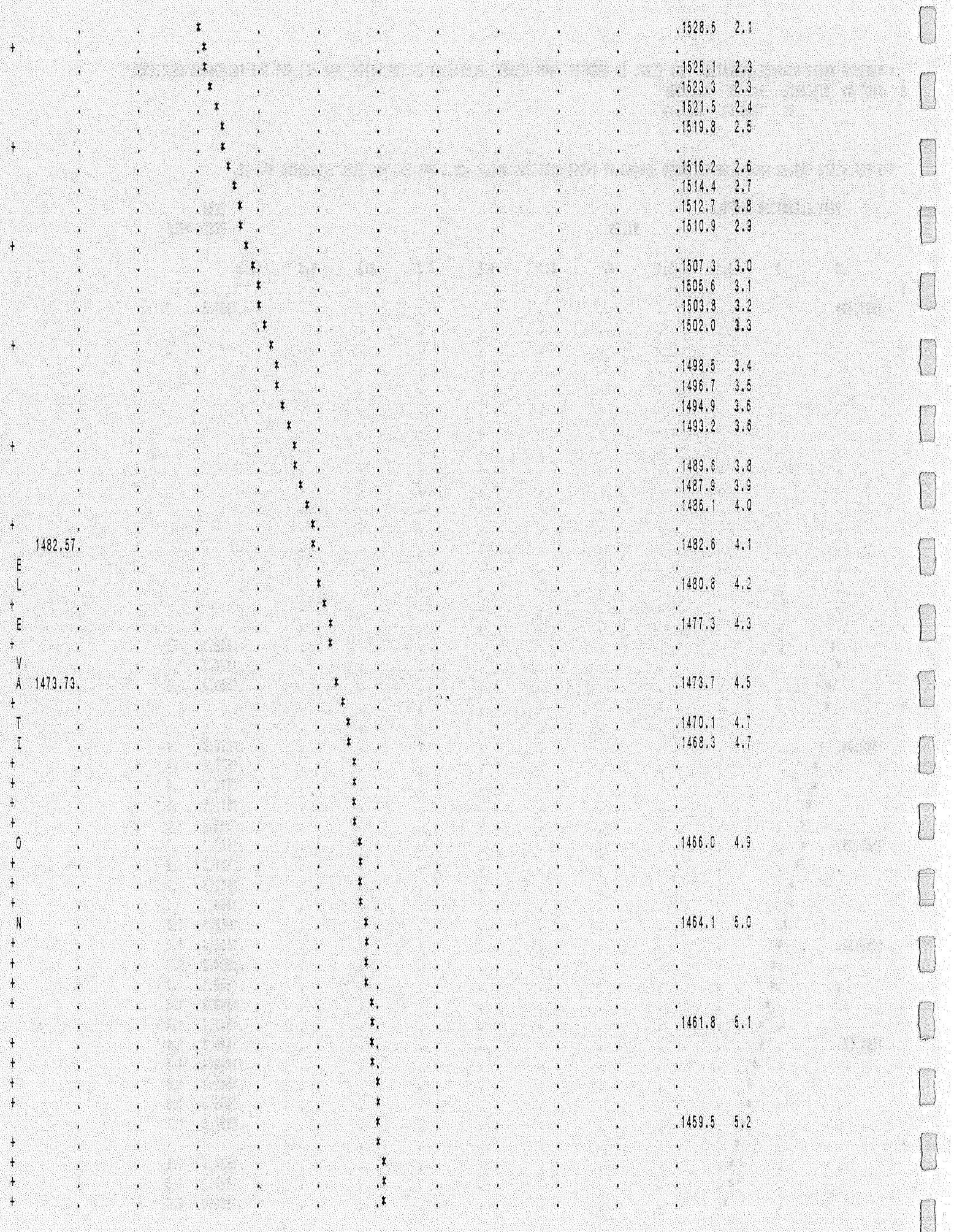
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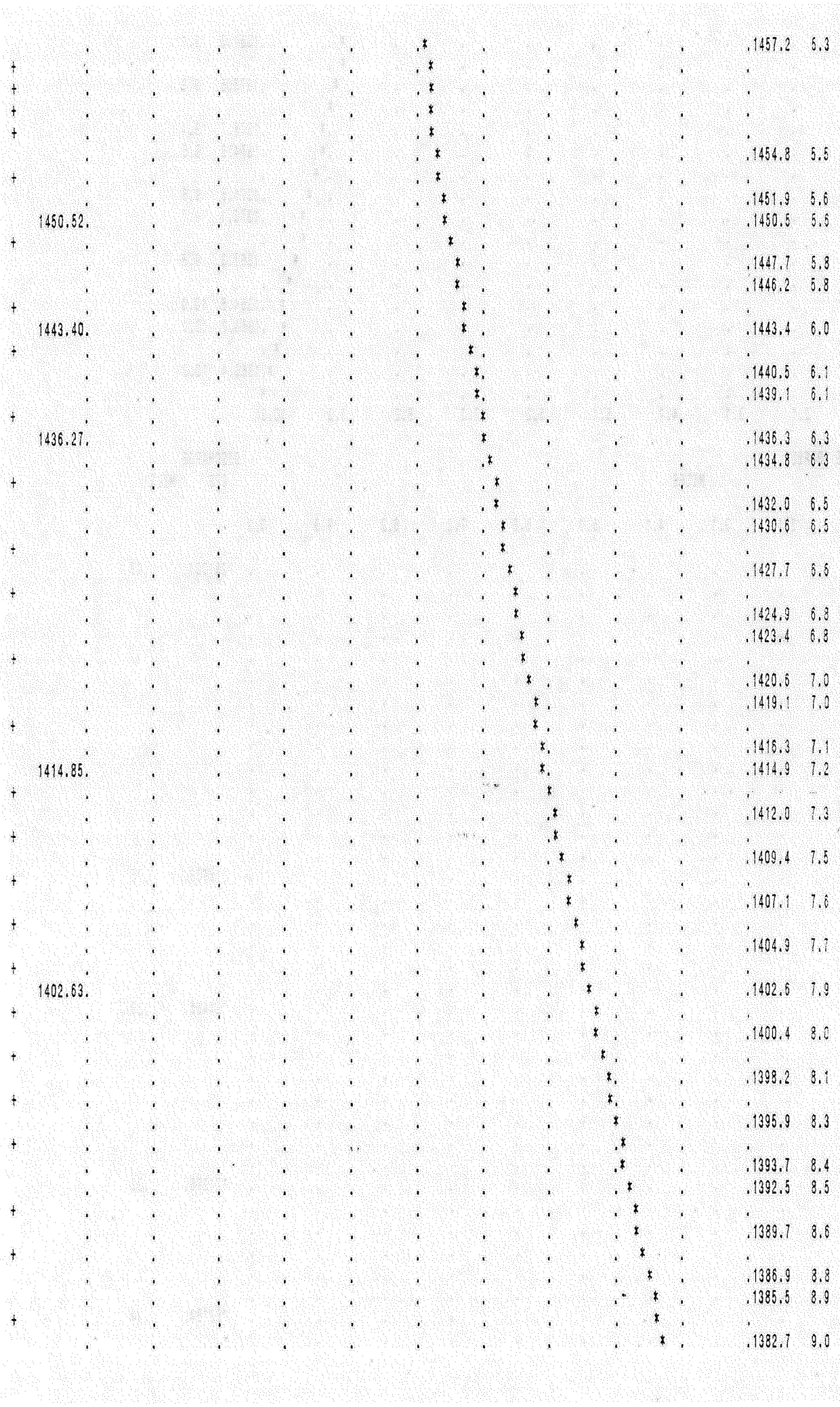
1459.5 5.2
ELEVATION


1457.2 5.3
1454.8 5.5
1451.9 5.6
1450.52.
1450.5 5.6
1447.7 5.8
1446.2 5.8
1443.40.
1443.4 6.0
1440.5 6.1
1439.1 6.1
1436.27.
1436.3 6.3
1434.8 6.3
1432.0 6.5
1430.6 6.5
1427.7 6.6
1424.9 6.8
1423.4 6.8
1420.6 7.0
1419.1 7.0
1416.3 7.1
1414.85.
1414.9 7.2
1412.0 7.3
1409.4 7.5
1407.1 7.6
1404.3 7.7
1402.63.
1402.6 7.9
1400.4 8.0
1398.2 8.1
1395.9 8.3
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1392.5 8.5
1389.7 8.6
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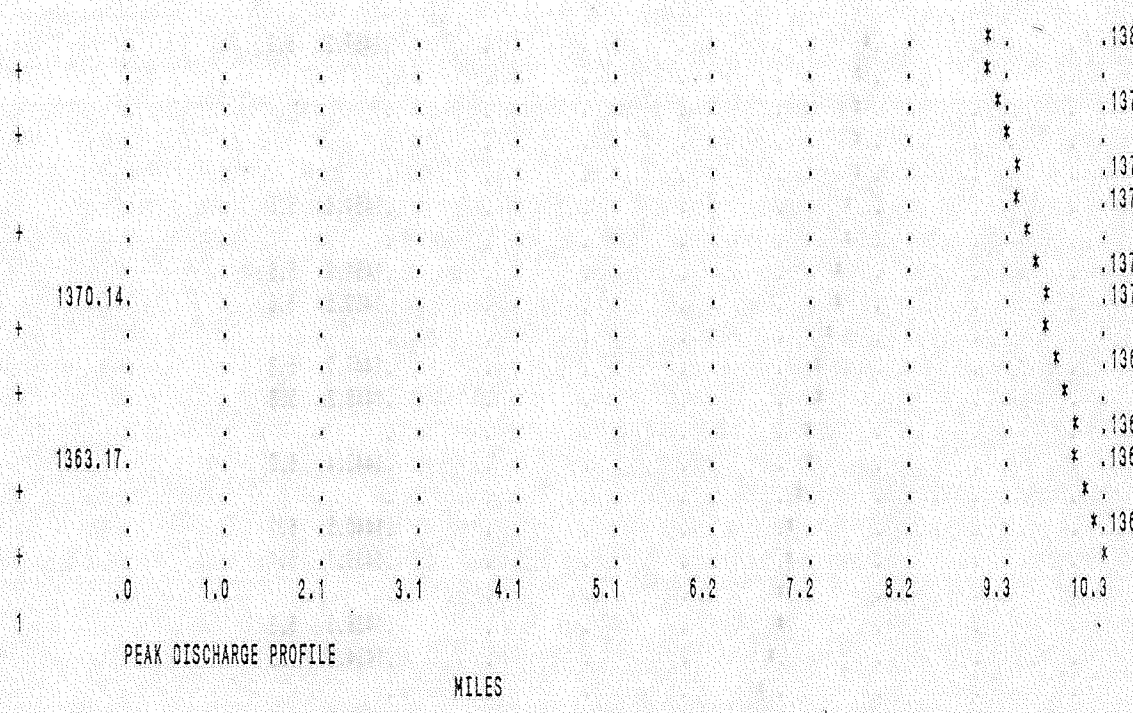
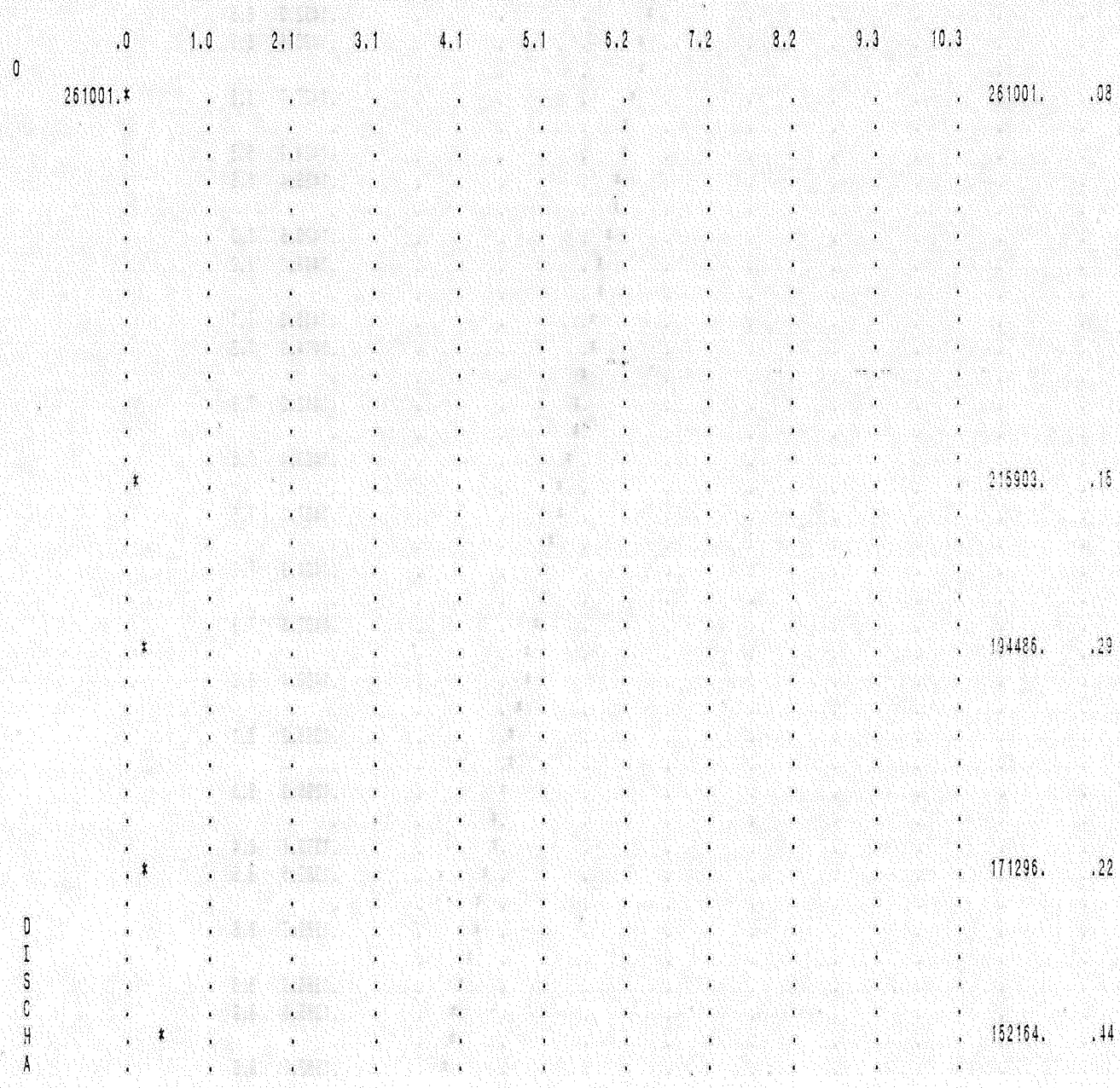
1385.5 8.9
1382.7 9.0

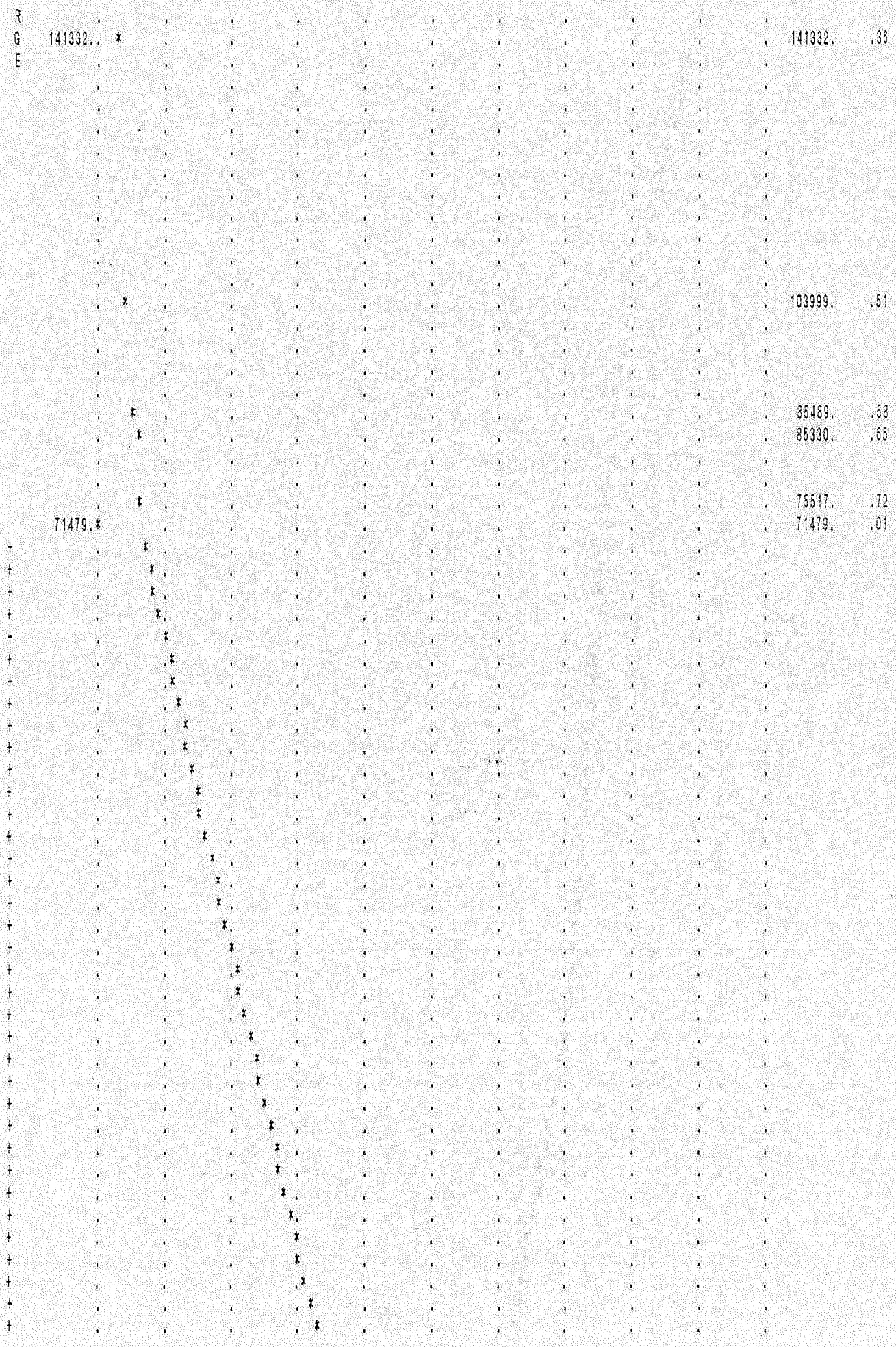


PEAK DISCHARGE PROFILE

MILES

DISCHARGE
CFS MILE




R
G
E
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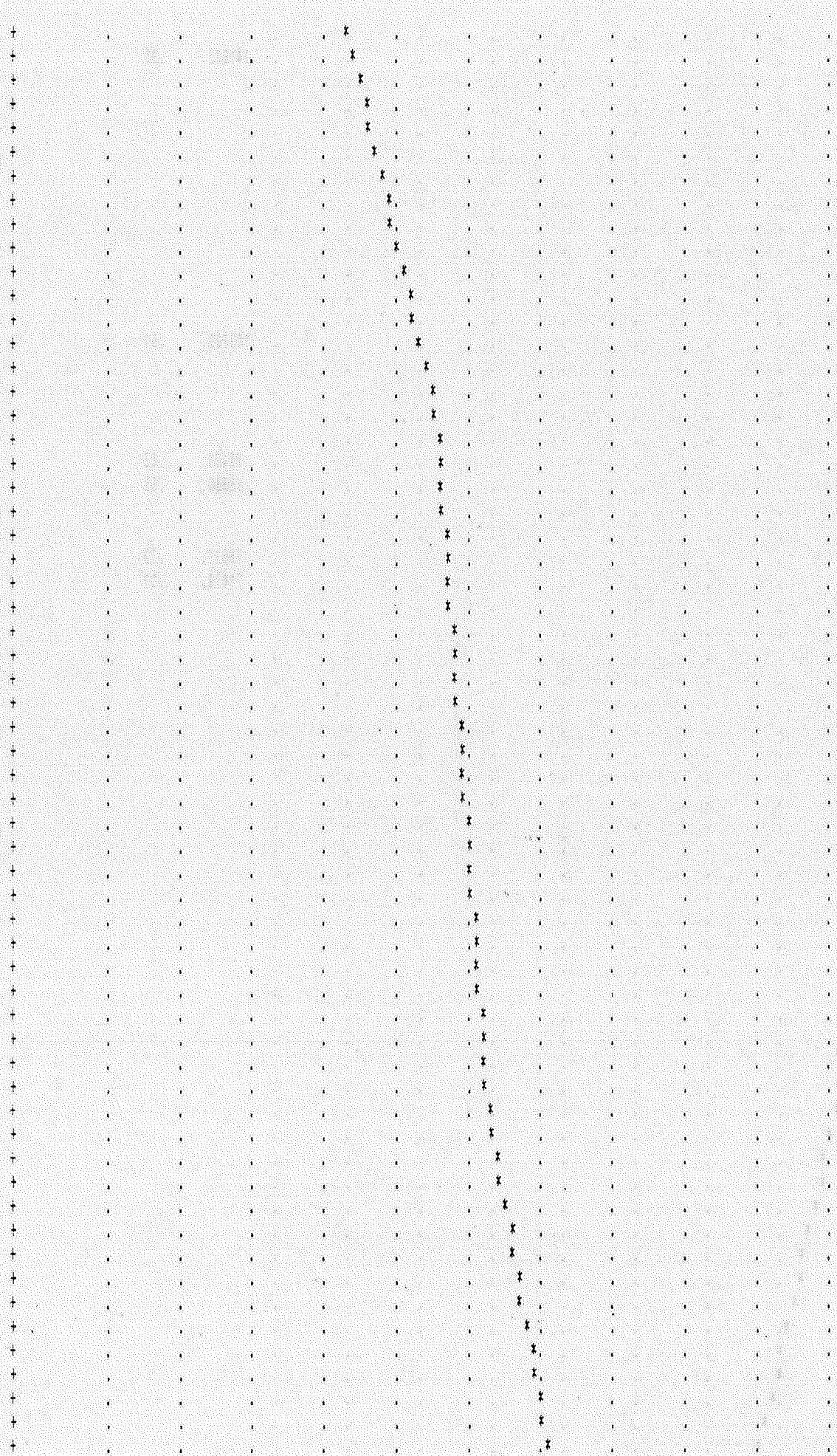
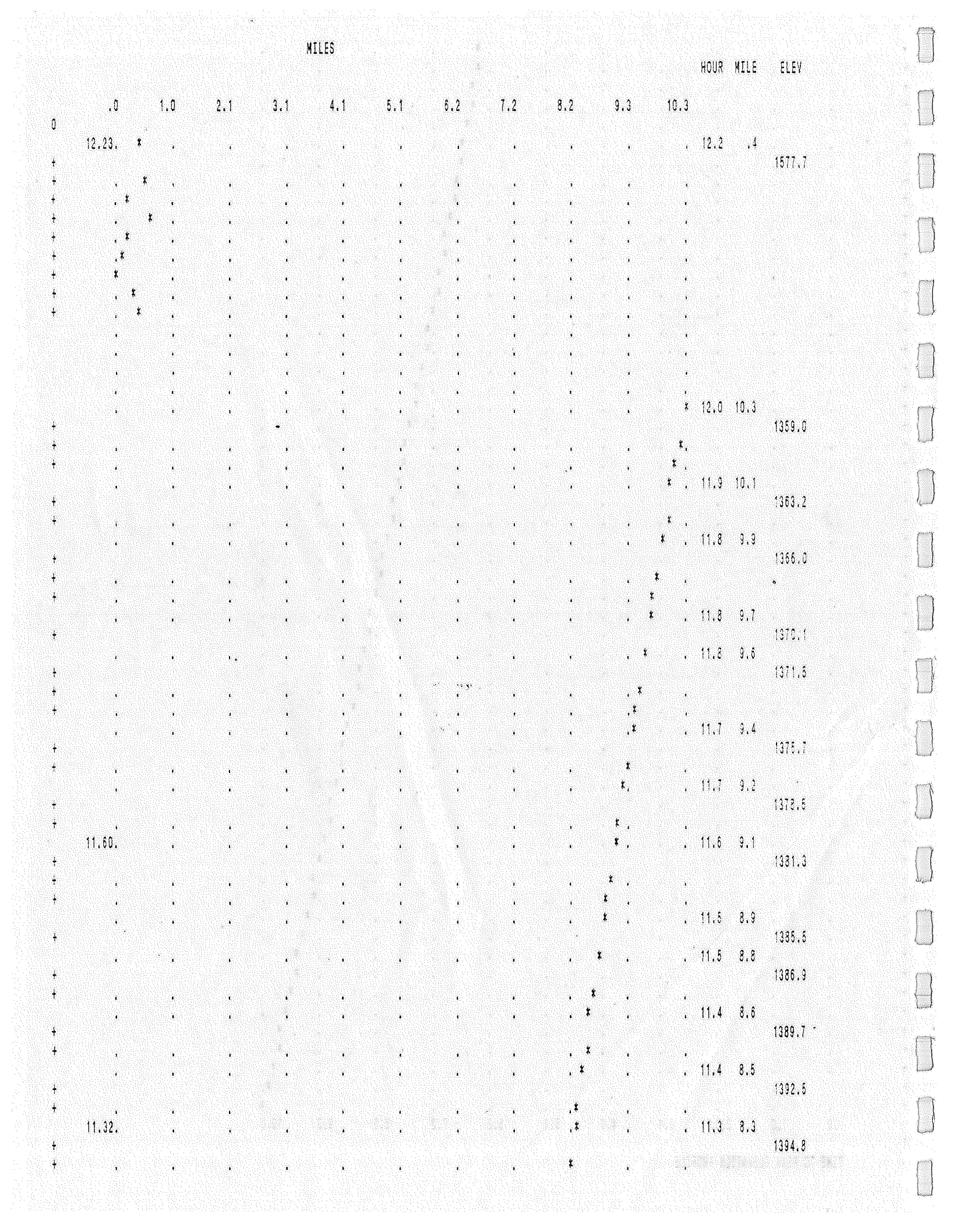
141332. .36
103999. .51
85489. .53
85330. .65
75517. .72
71479.
71479. .01



TIME TO PEAK ELEVATION PROFILE


MILES
HOUR MILE ELEV
.0 1.0 2.1 3.1 4.1 5.1 6.2 7.2 8.2 9.3 10.3
0
12.23.
12.2 .4
1577.7
12.0 10.3
1359.0
11.9 10.1
1363.2
11.8 9.9
1366.0
11.8 9.7
1370.1
11.8 9.6
1371.5
11.7 9.4
1375.7
11.7 9.2
1378.5
11.60.
11.6 9.1
1381.3
11.5 8.9
1385.5
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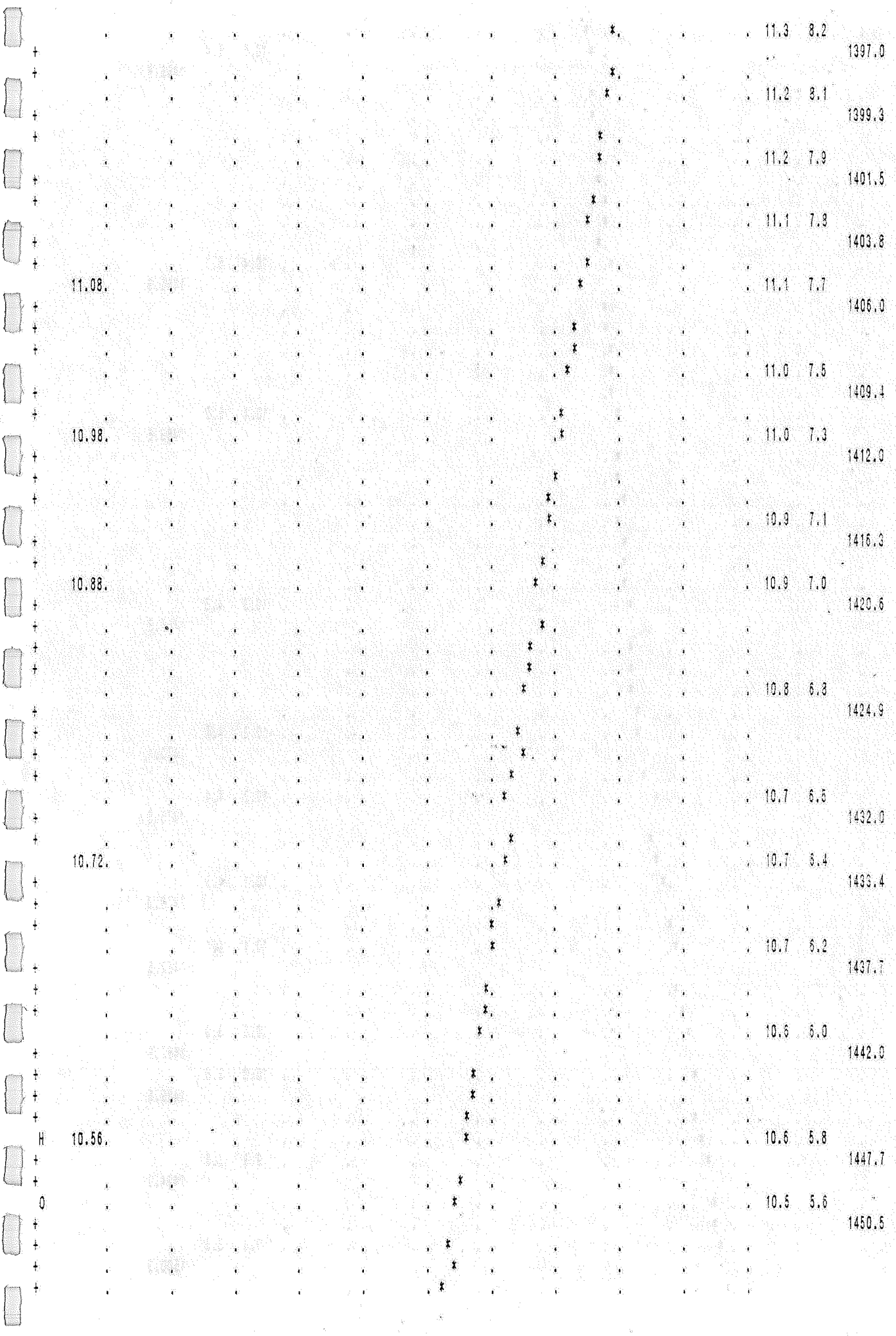
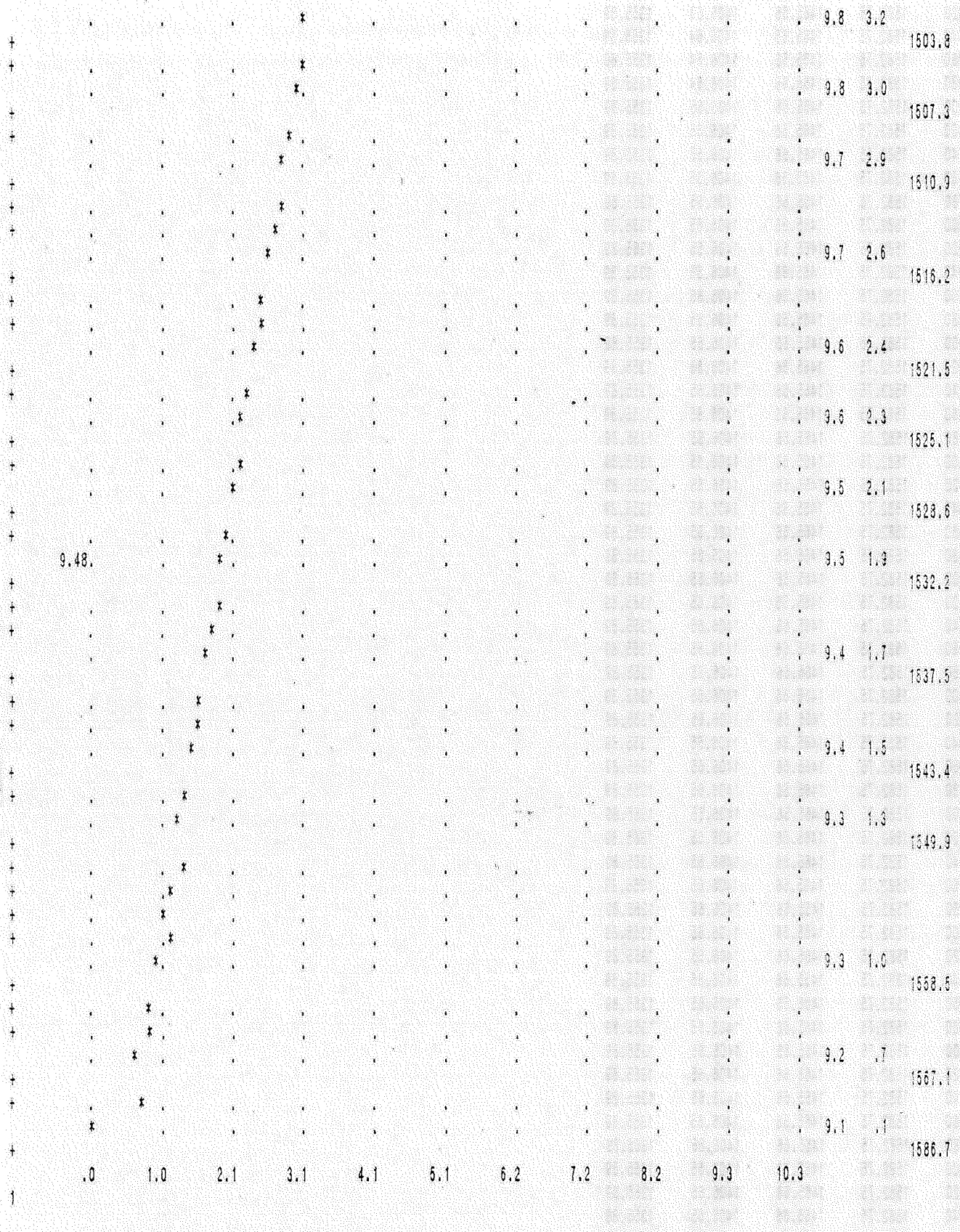
11.4 8.6
1389.7
11.4 8.5
1392.5
11.32.
11.3 8.3
1394.8


11.3 8.2
1397.0
11.2 8.1
1399.3
11.2 7.9
1401.5
11.1 7.8
1403.8
11.08
11.1 7.7
1406.0
11.0 7.5
1409.4
10.98
11.0 7.3
1412.0
10.9 7.1
1416.3
10.88
10.9 7.0
1420.6
10.8 6.8
1424.9
10.7 6.5
1432.0
10.72
10.7 6.4
1433.4
10.7 6.2
1437.7
10.6 6.0
1442.0
H
10.56
10.6 5.8
1447.7
Q
10.5 5.6
1450.5

```
+                                                                                                
 U                                                                                  10.5  5.4
+                                                                                                1456.8
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
 R                                                                                  10.4  5.1
+                                                                                                1460.9
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
 S                                                                                  10.4  5.0
+                                                                                                1463.6
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
     10.30.                                                                         10.3  4.8
+                                                                                                1467.8
+                                                                                                
+                                                                                                
+                                                                                                
+                                                                                                
     10.26.                                                                         10.3  4.7
+                                                                                                1470.1
+                                                                                                
                                                                                    10.2  4.4
+                                                                                                1475.5
+                                                                                                
+                                                                                                
     10.14.                                                                         10.1  4.3
+                                                                                                1479.0
+                                                                                                
                                                                                    10.1  4.1
+                                                                                                1482.5
+                                                                                                
+                                                                                                
     10.02.                                                                         10.0  3.9
+                                                                                                1487.9
                                                                                    10.0  3.8
+                                                                                                1489.6
+                                                                                                
+                                                                                                
                                                                                     9.9  3.6
+                                                                                                1494.9
+                                                                                                
+                                                                                                
                                                                                     9.9  3.3
+                                                                                                1500.3
+                                                                                                
```



K	TTP(K)	YC(K,I),I=1,NTT)			
*****	********	**********			
1	.000	1582.75	1465.64	1406.62	1355.89

2	.020	1582.75	1465.65	1406.63	1355.89
3	.040	1582.75	1465.66	1406.64	1355.89
4	.060	1582.75	1465.66	1406.64	1355.89
5	.080	1582.75	1465.66	1406.64	1355.89
6	.100	1582.75	1465.66	1406.65	1355.89
7	.120	1582.75	1465.66	1406.65	1355.89
8	.140	1582.75	1465.66	1406.65	1355.89
9	.160	1582.75	1465.66	1406.65	1355.89
10	.180	1582.75	1465.66	1406.65	1355.89
11	.200	1582.75	1465.66	1406.65	1355.89
12	.220	1582.75	1465.66	1406.65	1355.89
13	.240	1582.75	1465.66	1406.65	1355.89
14	.260	1582.75	1465.66	1406.65	1355.89
15	.280	1582.75	1465.66	1406.65	1355.89
16	.300	1582.75	1465.66	1406.65	1355.89
17	.320	1582.75	1465.66	1406.65	1355.89
18	.340	1582.75	1465.66	1406.65	1355.89
19	.360	1582.75	1465.66	1406.65	1355.89
20	.380	1582.75	1465.66	1406.65	1355.89
21	.400	1582.75	1465.66	1406.65	1355.89
22	.420	1582.75	1465.66	1406.65	1355.89
23	.440	1582.75	1465.66	1406.65	1355.89
24	.460	1582.75	1465.66	1406.65	1355.89
25	.480	1582.75	1465.66	1406.65	1355.89
26	.500	1582.75	1465.66	1406.65	1355.89
27	.520	1582.75	1465.66	1406.65	1355.89
28	.540	1582.75	1465.66	1406.65	1355.89
29	.560	1582.75	1465.66	1406.65	1355.89
30	.580	1582.75	1465.66	1406.65	1355.89
31	.600	1582.75	1465.66	1406.65	1355.89
32	.620	1582.75	1465.66	1406.65	1355.89
33	.640	1582.75	1465.66	1406.65	1355.89
34	.660	1582.75	1465.66	1406.65	1355.89
35	.680	1582.75	1465.66	1406.65	1355.89
36	.700	1582.75	1465.66	1406.65	1355.89
37	.720	1582.75	1465.66	1406.65	1355.89
38	.740	1582.75	1465.66	1406.65	1355.89
39	.760	1582.75	1465.66	1406.65	1355.89
40	.780	1582.75	1465.66	1406.65	1355.89
41	.800	1582.75	1465.66	1406.65	1355.89
42	.820	1582.75	1465.66	1406.65	1355.89
43	.840	1582.75	1465.66	1406.65	1355.89
44	.860	1582.75	1465.66	1406.65	1355.89
45	.880	1582.75	1465.66	1406.65	1355.89
46	.900	1582.75	1465.66	1406.65	1355.89
47	.920	1582.75	1465.66	1406.65	1355.89
48	.940	1582.75	1465.66	1406.65	1355.89
49	.960	1582.75	1465.66	1406.65	1355.89
50	.980	1582.75	1465.66	1406.65	1355.89
51	1.000	1582.75	1465.66	1406.65	1355.89
52	1.020	1582.75	1465.66	1406.65	1355.89
53	1.040	1582.75	1465.66	1406.65	1355.89
54	1.060	1582.75	1465.66	1406.65	1355.89
55	1.080	1582.75	1465.66	1406.65	1355.89
56	1.100	1582.75	1465.66	1406.65	1355.89
57	1.120	1582.75	1465.66	1406.65	1355.89
58	1.140	1582.75	1465.66	1406.65	1355.89
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61	1.200	1582.75	1465.66	1406.65	1355.89

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65	1.280	1582.75	1465.66	1406.65	1355.89
66	1.300	1582.75	1465.66	1406.65	1355.89
67	1.320	1582.75	1465.66	1406.65	1355.89
68	1.340	1582.75	1465.66	1406.65	1355.89
69	1.360	1582.75	1465.66	1406.65	1355.89
70	1.380	1582.75	1465.66	1406.65	1355.89
71	1.400	1582.75	1465.66	1406.65	1355.89
72	1.420	1582.75	1465.66	1406.65	1355.89
73	1.440	1582.75	1465.66	1406.65	1355.89
74	1.460	1582.75	1465.66	1406.65	1355.89
75	1.480	1582.75	1465.66	1406.65	1355.89
76	1.500	1582.75	1465.66	1406.65	1355.89
77	1.520	1582.75	1465.66	1406.65	1355.89
78	1.540	1582.75	1465.66	1406.65	1355.89
79	1.560	1582.75	1465.66	1406.65	1355.89
80	1.580	1582.75	1465.66	1406.65	1355.89
81	1.600	1582.75	1465.66	1406.65	1355.89
82	1.620	1582.75	1465.66	1406.65	1355.89
83	1.640	1582.75	1465.66	1406.65	1355.89
84	1.660	1582.75	1465.66	1406.65	1355.89
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88	1.740	1582.75	1465.66	1406.65	1355.89
89	1.760	1582.75	1465.66	1406.65	1355.89
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92	1.820	1582.75	1465.66	1406.65	1355.89
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95	1.880	1582.75	1465.66	1406.65	1355.90
96	1.900	1582.75	1465.66	1406.65	1355.90
97	1.920	1582.75	1465.66	1406.65	1355.90
98	1.940	1582.75	1465.66	1406.65	1355.90
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104	2.060	1582.75	1465.66	1406.65	1356.07
105	2.080	1582.75	1465.66	1406.65	1356.08
106	2.100	1582.75	1465.66	1406.65	1356.08
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114	2.260	1582.75	1465.66	1406.66	1356.08
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116	2.300	1582.75	1465.66	1406.66	1356.08
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119	2.360	1582.75	1465.66	1406.67	1356.08
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133	2.640	1582.75	1465.66	1406.69	1356.08
134	2.660	1582.75	1465.66	1406.69	1356.08
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142	2.820	1582.75	1465.66	1406.69	1356.08
143	2.840	1582.75	1465.66	1406.69	1356.08
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159	3.160	1582.75	1465.66	1406.69	1356.08
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163	3.240	1582.75	1465.66	1406.69	1356.08
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174	3.460	1582.75	1465.66	1406.69	1356.08
175	3.480	1582.75	1465.66	1406.69	1356.08
176	3.500	1582.75	1465.66	1406.69	1356.08
177	3.520	1582.75	1465.66	1406.69	1356.08
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179	3.560	1582.75	1465.66	1406.69	1356.08
180	3.580	1582.75	1465.66	1406.69	1356.08
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189	3.760	1582.87	1465.66	1406.69	1356.09
190	3.780	1582.89	1465.66	1406.69	1356.09
191	3.800	1582.91	1465.66	1406.69	1356.09
192	3.820	1582.93	1465.66	1406.69	1356.09
193	3.840	1582.95	1465.66	1406.69	1356.09
194	3.860	1582.98	1465.66	1406.69	1356.09
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196	3.900	1583.02	1465.66	1406.69	1356.09
197	3.920	1583.04	1465.66	1406.69	1356.09
198	3.940	1583.06	1465.66	1406.69	1356.09
199	3.960	1583.08	1465.66	1406.69	1356.09
200	3.980	1583.10	1465.66	1406.69	1356.09
201	4.000	1583.13	1465.66	1406.69	1356.09
202	4.020	1583.15	1465.66	1406.69	1356.09
203	4.040	1583.17	1465.66	1406.69	1356.09
204	4.060	1583.19	1465.66	1406.69	1356.09
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207	4.120	1583.23	1465.66	1406.69	1356.10
208	4.140	1583.23	1465.66	1406.69	1356.10
209	4.160	1583.25	1465.66	1406.69	1356.10
210	4.180	1583.25	1465.66	1406.69	1356.10
211	4.200	1583.26	1465.66	1406.69	1356.10
212	4.220	1583.29	1465.66	1406.69	1356.10
213	4.240	1583.30	1465.66	1406.69	1356.10
214	4.260	1583.33	1465.66	1406.69	1356.10
215	4.280	1583.35	1465.66	1406.69	1356.10
216	4.300	1583.37	1465.66	1406.69	1356.10
217	4.320	1583.39	1465.66	1406.69	1356.10
218	4.340	1583.42	1465.66	1406.69	1356.10
219	4.360	1583.44	1465.66	1406.69	1356.10
220	4.380	1583.46	1465.66	1406.69	1356.10
221	4.400	1583.48	1465.66	1406.69	1356.10
222	4.420	1583.51	1465.66	1406.69	1356.10
223	4.440	1583.53	1465.66	1406.69	1356.10
224	4.460	1583.55	1465.66	1406.69	1356.10
225	4.480	1583.57	1465.66	1406.69	1356.10
226	4.500	1583.60	1465.66	1406.69	1356.10
227	4.520	1583.62	1465.66	1406.69	1356.10
228	4.540	1583.64	1465.66	1406.69	1356.10
229	4.560	1583.66	1465.66	1406.69	1356.10
230	4.580	1583.68	1465.66	1406.69	1356.10
231	4.600	1583.71	1465.66	1406.69	1356.10
232	4.620	1583.73	1465.66	1406.69	1356.10
233	4.640	1583.75	1465.66	1406.69	1356.10
234	4.660	1583.77	1465.66	1406.69	1356.10
235	4.680	1583.79	1465.66	1406.69	1356.10
236	4.700	1583.82	1465.66	1406.69	1356.10
237	4.720	1583.84	1465.66	1406.69	1356.10
238	4.740	1583.86	1465.66	1406.69	1356.10
239	4.760	1583.88	1465.66	1406.69	1356.10
240	4.780	1583.91	1465.66	1406.69	1356.10
241	4.800	1583.93	1465.66	1406.69	1356.10

242	4.820	1583.96	1465.66	1406.69	1356.10
243	4.840	1584.00	1465.66	1406.69	1356.10
244	4.860	1584.03	1465.66	1406.69	1356.10
245	4.880	1584.07	1465.66	1406.69	1356.10
246	4.900	1584.11	1465.66	1406.69	1356.10
247	4.920	1584.15	1465.66	1406.69	1356.10
248	4.940	1584.18	1465.66	1406.69	1356.10
249	4.960	1584.22	1465.66	1406.69	1356.10
250	4.980	1584.24	1465.66	1406.69	1356.10
251	5.000	1584.27	1465.66	1406.69	1356.10
252	5.020	1584.30	1465.66	1406.69	1356.10
253	5.040	1584.32	1465.66	1406.69	1356.10
254	5.060	1584.35	1465.66	1406.69	1356.10
255	5.080	1584.37	1465.66	1406.69	1356.10
256	5.100	1584.40	1465.66	1406.69	1356.10
257	5.120	1584.43	1465.66	1406.69	1356.10
258	5.140	1584.45	1465.66	1406.69	1356.10
259	5.160	1584.48	1465.66	1406.69	1356.10
260	5.180	1584.50	1465.66	1406.69	1356.10
261	5.200	1584.53	1465.66	1406.69	1356.10
262	5.220	1584.56	1465.66	1406.69	1356.10
263	5.240	1584.58	1465.66	1406.69	1356.10
264	5.260	1584.61	1465.66	1406.69	1356.10
265	5.280	1584.63	1465.66	1406.69	1356.10
266	5.300	1584.66	1465.66	1406.69	1356.10
267	5.320	1584.69	1465.66	1406.69	1356.10
268	5.340	1584.71	1465.66	1406.69	1356.10
269	5.360	1584.74	1465.66	1406.69	1356.10
270	5.380	1584.76	1465.66	1406.69	1356.10
271	5.400	1584.79	1465.66	1406.69	1356.10
272	5.420	1584.81	1465.66	1406.69	1356.10
273	5.440	1584.84	1465.66	1406.69	1356.10
274	5.460	1584.87	1465.66	1406.69	1356.10
275	5.480	1584.89	1465.66	1406.69	1356.10
276	5.500	1584.92	1465.66	1406.69	1356.10
277	5.520	1584.94	1465.66	1406.69	1356.10
278	5.540	1584.97	1465.66	1406.69	1356.10
279	5.560	1585.00	1465.66	1406.69	1356.10
280	5.580	1585.02	1465.66	1406.69	1356.10
281	5.600	1585.05	1465.66	1406.69	1356.10
282	5.620	1585.07	1465.66	1406.69	1356.10
283	5.640	1585.10	1465.66	1406.69	1356.10
284	5.660	1585.12	1465.66	1406.69	1356.10
285	5.680	1585.15	1465.66	1406.69	1356.10
286	5.700	1585.18	1465.66	1406.69	1356.10
287	5.720	1585.20	1465.66	1406.69	1356.10
288	5.740	1585.22	1465.66	1406.69	1356.10
289	5.760	1585.25	1465.66	1406.69	1356.10
290	5.780	1585.27	1465.66	1406.69	1356.10
291	5.800	1585.29	1465.66	1406.69	1356.10
292	5.820	1585.31	1465.66	1406.69	1356.10
293	5.840	1585.33	1465.66	1406.69	1356.10
294	5.860	1585.35	1465.66	1406.69	1356.10
295	5.880	1585.37	1465.66	1406.69	1356.10
296	5.900	1585.39	1465.66	1406.69	1356.10
297	5.920	1585.41	1465.66	1406.69	1356.10
298	5.940	1585.43	1465.66	1406.69	1356.10
299	5.960	1585.45	1465.66	1406.69	1356.10
300	5.980	1585.47	1465.66	1406.69	1356.10
301	6.000	1585.49	1465.66	1406.69	1356.10

302	6.020	1585.56	1465.66	1406.69	1356.10
303	6.040	1585.65	1465.66	1406.69	1356.10
304	6.060	1585.74	1465.66	1406.69	1356.10
305	6.080	1585.82	1465.66	1406.69	1356.10
306	6.100	1585.91	1465.66	1406.69	1356.10
307	6.120	1586.00	1465.66	1406.69	1356.10
308	6.140	1586.09	1465.66	1406.69	1356.10
309	6.160	1586.18	1465.66	1406.69	1356.10
310	6.180	1586.26	1465.66	1406.69	1356.10
311	6.200	1586.34	1465.66	1406.69	1356.10
312	6.220	1586.41	1465.66	1406.69	1356.10
313	6.240	1586.48	1465.66	1406.69	1356.10
314	6.260	1586.56	1465.66	1406.69	1356.10
315	6.280	1586.63	1465.66	1406.69	1356.10
316	6.300	1586.70	1465.66	1406.69	1356.10
317	6.320	1586.77	1465.66	1406.69	1356.10
318	6.340	1586.85	1465.66	1406.69	1356.10
319	6.360	1586.92	1465.66	1406.69	1356.10
320	6.380	1586.99	1465.66	1406.69	1356.10
321	6.400	1587.06	1465.66	1406.69	1356.10
322	6.420	1587.08	1465.66	1406.69	1356.10
323	6.440	1587.08	1465.67	1406.69	1356.10
324	6.460	1587.08	1465.67	1406.69	1356.10
325	6.480	1587.08	1465.67	1406.69	1356.10
326	6.500	1587.08	1465.67	1406.69	1356.10
327	6.520	1587.08	1465.66	1406.69	1356.10
328	6.540	1587.08	1465.66	1406.69	1356.10
329	6.560	1587.07	1465.66	1406.69	1356.10
330	6.580	1587.07	1465.66	1406.69	1356.10
331	6.600	1587.07	1465.66	1406.69	1356.10
332	6.620	1587.08	1465.67	1406.69	1356.10
333	6.640	1587.10	1465.67	1406.69	1356.10
334	6.660	1587.11	1465.68	1406.69	1356.10
335	6.680	1587.12	1465.69	1406.69	1356.10
336	6.700	1587.14	1465.68	1406.69	1356.10
337	6.720	1587.15	1465.68	1406.69	1356.10
338	6.740	1587.17	1465.64	1406.69	1356.10
339	6.760	1587.18	1465.64	1406.69	1356.10
340	6.780	1587.20	1465.64	1406.69	1356.10
341	6.800	1587.21	1465.66	1406.69	1356.10
342	6.820	1587.22	1465.70	1406.69	1356.10
343	6.840	1587.24	1465.78	1406.69	1356.10
344	6.860	1587.25	1465.87	1406.69	1356.10
345	6.880	1587.26	1465.95	1406.69	1356.10
346	6.900	1587.28	1466.02	1406.69	1356.10
347	6.920	1587.29	1466.09	1406.69	1356.10
348	6.940	1587.30	1466.11	1406.69	1356.10
349	6.960	1587.32	1466.12	1406.69	1356.10
350	6.980	1587.33	1466.15	1406.69	1356.10
351	7.000	1587.34	1466.17	1406.69	1356.10
352	7.020	1587.35	1466.19	1406.69	1356.10
353	7.040	1587.37	1466.21	1406.69	1356.10
354	7.060	1587.38	1466.23	1406.69	1356.10
355	7.080	1587.39	1466.25	1406.69	1356.10
356	7.100	1587.40	1466.28	1406.69	1356.10
357	7.120	1587.42	1466.31	1406.69	1356.10
358	7.140	1587.43	1466.33	1406.69	1356.10
359	7.160	1587.44	1466.36	1406.69	1356.10
360	7.180	1587.45	1466.39	1406.69	1356.10
361	7.200	1587.47	1466.42	1406.69	1356.10

362	7.220	1587.48	1466.45	1406.69	1356.10
363	7.240	1587.49	1466.48	1406.69	1356.10
364	7.260	1587.50	1466.51	1406.69	1356.10
365	7.280	1587.52	1466.55	1406.69	1356.10
366	7.300	1587.53	1466.59	1406.69	1356.10
367	7.320	1587.54	1466.63	1406.69	1356.10
368	7.340	1587.55	1466.67	1406.69	1356.10
369	7.360	1587.57	1466.73	1406.69	1356.10
370	7.380	1587.58	1466.78	1406.69	1356.10
371	7.400	1587.59	1466.83	1406.69	1356.10
372	7.420	1587.60	1466.89	1406.69	1356.10
373	7.440	1587.60	1466.95	1406.69	1356.10
374	7.460	1587.60	1467.01	1406.69	1356.10
375	7.480	1587.61	1467.05	1406.69	1356.10
376	7.500	1587.61	1467.08	1406.69	1356.10
377	7.520	1587.61	1467.10	1406.69	1356.10
378	7.540	1587.62	1467.13	1406.69	1356.10
379	7.560	1587.62	1467.15	1406.69	1356.10
380	7.580	1587.62	1467.18	1406.69	1356.10
381	7.600	1587.63	1467.20	1406.69	1356.10
382	7.620	1587.63	1467.23	1406.69	1356.10
383	7.640	1587.63	1467.25	1406.69	1356.10
384	7.660	1587.64	1467.28	1406.69	1356.10
385	7.680	1587.64	1467.30	1406.69	1356.10
386	7.700	1587.64	1467.32	1406.69	1356.10
387	7.720	1587.65	1467.35	1406.69	1356.10
388	7.740	1587.65	1467.37	1406.70	1356.10
389	7.760	1587.65	1467.39	1406.70	1356.10
390	7.780	1587.66	1467.41	1406.70	1356.10
391	7.800	1587.66	1467.44	1406.70	1356.10
392	7.820	1587.68	1467.45	1406.70	1356.10
393	7.840	1587.71	1467.47	1406.70	1356.10
394	7.860	1587.73	1467.49	1406.70	1356.10
395	7.880	1587.76	1467.51	1406.70	1356.10
396	7.900	1587.79	1467.52	1406.70	1356.10
397	7.920	1587.81	1467.54	1406.70	1356.10
398	7.940	1587.84	1467.55	1406.70	1356.10
399	7.960	1587.86	1467.56	1406.70	1356.10
400	7.980	1587.89	1467.58	1406.70	1356.10
401	8.000	1587.92	1467.59	1406.70	1356.10
402	8.020	1587.94	1467.60	1406.70	1356.10
403	8.040	1587.97	1467.61	1406.70	1356.10
404	8.060	1588.00	1467.62	1406.70	1356.10
405	8.080	1588.02	1467.62	1406.70	1356.10
406	8.100	1588.05	1467.63	1406.69	1356.10
407	8.120	1588.08	1467.64	1406.69	1356.10
408	8.140	1588.10	1467.65	1406.70	1356.10
409	8.160	1588.13	1467.65	1406.71	1356.10
410	8.180	1588.15	1467.66	1406.71	1356.10
411	8.200	1588.18	1467.67	1406.68	1356.10
412	8.220	1588.21	1467.68	1406.65	1356.10
413	8.240	1588.23	1467.68	1406.77	1356.10
414	8.260	1588.26	1467.69	1407.00	1356.10
415	8.280	1588.28	1467.70	1407.17	1356.10
416	8.300	1588.30	1467.70	1407.26	1356.10
417	8.320	1588.33	1467.71	1407.31	1356.10
418	8.340	1588.35	1467.72	1407.34	1356.10
419	8.360	1588.37	1467.73	1407.35	1356.10
420	8.380	1588.40	1467.73	1407.37	1356.10
421	8.400	1588.42	1467.74	1407.39	1356.10

422	8.420	1588.44	1467.75	1407.41	1356.10
423	8.440	1588.46	1467.75	1407.42	1356.10
424	8.460	1588.49	1467.76	1407.44	1356.10
425	8.480	1588.51	1467.77	1407.46	1356.10
426	8.500	1588.53	1467.77	1407.48	1356.10
427	8.520	1588.55	1467.78	1407.50	1356.10
428	8.540	1588.58	1467.78	1407.52	1356.10
429	8.560	1588.60	1467.79	1407.55	1356.10
430	8.580	1588.62	1467.79	1407.58	1356.10
431	8.600	1588.65	1467.80	1407.63	1356.10
432	8.620	1588.66	1467.81	1407.69	1356.10
433	8.640	1588.67	1467.81	1407.76	1356.10
434	8.660	1588.68	1467.81	1407.87	1356.10
435	8.680	1588.68	1467.82	1408.01	1356.10
436	8.700	1588.69	1467.82	1408.15	1356.10
437	8.720	1588.70	1467.83	1408.25	1356.10
438	8.740	1588.71	1467.83	1408.33	1356.10
439	8.760	1588.72	1467.84	1408.39	1356.10
440	8.780	1588.73	1467.84	1408.44	1356.10
441	8.800	1588.74	1467.84	1408.49	1356.10
442	8.820	1588.75	1467.85	1408.54	1356.10
443	8.840	1588.76	1467.85	1408.57	1356.10
444	8.860	1588.76	1467.85	1408.60	1356.10
445	8.880	1588.77	1467.86	1408.63	1356.10
446	8.900	1588.78	1467.86	1408.65	1356.10
447	8.920	1588.79	1467.86	1408.66	1356.10
448	8.940	1588.80	1467.87	1408.68	1356.10
449	8.960	1588.81	1467.87	1408.69	1356.10
450	8.980	1588.82	1467.87	1408.71	1356.10
451	9.000	1588.83	1467.88	1408.72	1356.10
452	9.020	1588.83	1467.88	1408.73	1356.10
453	9.040	1588.84	1467.89	1408.74	1356.10
454	9.060	1588.85	1467.89	1408.74	1356.10
455	9.080	1588.86	1467.90	1408.75	1356.10
456	9.100	1588.87	1467.90	1408.76	1356.10
457	9.120	1588.87	1467.91	1408.77	1356.10
458	9.140	1588.86	1467.91	1408.77	1356.10
459	9.160	1588.86	1467.92	1408.78	1356.10
460	9.180	1588.85	1467.93	1408.79	1356.10
461	9.200	1588.85	1467.93	1408.79	1356.10
462	9.220	1588.84	1467.94	1408.80	1356.10
463	9.240	1588.84	1467.95	1408.81	1356.10
464	9.260	1588.83	1467.96	1408.81	1356.10
465	9.280	1588.82	1467.97	1408.82	1356.10
466	9.300	1588.82	1467.98	1408.83	1356.10
467	9.320	1588.81	1467.99	1408.83	1356.10
468	9.340	1588.81	1468.00	1408.84	1356.10
469	9.360	1588.80	1468.01	1408.84	1356.10
470	9.380	1588.80	1468.02	1408.85	1356.10
471	9.400	1588.79	1468.03	1408.85	1356.10
472	9.420	1588.75	1468.04	1408.86	1356.10
473	9.440	1588.71	1468.05	1408.86	1356.11
474	9.460	1588.67	1468.05	1408.87	1356.12
475	9.480	1588.62	1468.06	1408.87	1356.13
476	9.500	1588.58	1468.07	1408.88	1356.15
477	9.520	1588.53	1468.08	1408.88	1356.16
478	9.540	1588.48	1468.09	1408.88	1356.19
479	9.560	1588.44	1468.10	1408.89	1356.21
480	9.580	1588.39	1468.11	1408.89	1356.23
481	9.600	1588.35	1468.12	1408.90	1356.26

482	9.620	1588.30	1468.13	1408.90	1356.29
483	9.640	1588.26	1468.14	1408.90	1356.33
484	9.660	1588.21	1468.15	1408.91	1356.38
485	9.680	1588.16	1468.16	1408.91	1356.45
486	9.700	1588.10	1468.17	1408.91	1356.59
487	9.720	1588.05	1468.18	1408.92	1356.83
488	9.740	1588.00	1468.19	1408.92	1357.06
489	9.760	1587.95	1468.19	1408.92	1357.20
490	9.780	1587.89	1468.20	1408.93	1357.31
491	9.800	1587.84	1468.21	1408.93	1357.38
492	9.820	1587.79	1468.21	1408.93	1357.46
493	9.840	1587.73	1468.22	1408.94	1357.52
494	9.860	1587.68	1468.23	1408.94	1357.59
495	9.880	1587.63	1468.23	1408.95	1357.67
496	9.900	1587.57	1468.24	1408.95	1357.76
497	9.920	1587.52	1468.24	1408.96	1357.88
498	9.940	1587.47	1468.25	1408.96	1358.02
499	9.960	1587.41	1468.25	1408.97	1358.11
500	9.980	1587.36	1468.26	1408.98	1358.18
501	10.000	1587.31	1468.26	1408.99	1358.23
502	10.020	1587.25	1468.26	1408.99	1358.27
503	10.040	1587.20	1468.27	1409.00	1358.30
504	10.060	1587.14	1468.27	1409.01	1358.33
505	10.080	1587.07	1468.27	1409.02	1358.35
506	10.100	1587.01	1468.28	1409.03	1358.38
507	10.120	1586.95	1468.28	1409.04	1358.40
508	10.140	1586.89	1468.28	1409.05	1358.41
509	10.160	1586.82	1468.28	1409.06	1358.43
510	10.180	1586.76	1468.28	1409.07	1358.44
511	10.200	1586.70	1468.29	1409.08	1358.45
512	10.220	1586.64	1468.29	1409.09	1358.46
513	10.240	1586.57	1468.29	1409.10	1358.47
514	10.260	1586.51	1468.29	1409.11	1358.48
515	10.280	1586.45	1468.29	1409.13	1358.49
516	10.300	1586.39	1468.29	1409.14	1358.50
517	10.320	1586.32	1468.29	1409.15	1358.50
518	10.340	1586.26	1468.29	1409.16	1358.51
519	10.360	1586.20	1468.29	1409.17	1358.51
520	10.380	1586.13	1468.28	1409.18	1358.52
521	10.400	1586.05	1468.28	1409.19	1358.52
522	10.420	1585.98	1468.28	1409.20	1358.52
523	10.440	1585.90	1468.28	1409.21	1358.53
524	10.460	1585.82	1468.27	1409.22	1358.53
525	10.480	1585.75	1468.27	1409.23	1358.54
526	10.500	1585.67	1468.26	1409.24	1358.54
527	10.520	1585.59	1468.26	1409.25	1358.54
528	10.540	1585.52	1468.25	1409.26	1358.55
529	10.560	1585.44	1468.24	1409.27	1358.55
530	10.580	1585.37	1468.24	1409.28	1358.55
531	10.600	1585.29	1468.23	1409.28	1358.56
532	10.620	1585.21	1468.22	1409.29	1358.56
533	10.640	1585.13	1468.21	1409.30	1358.56
534	10.660	1585.04	1468.21	1409.30	1358.57
535	10.680	1584.94	1468.20	1409.31	1358.57
536	10.700	1584.84	1468.19	1409.31	1358.58
537	10.720	1584.75	1468.18	1409.32	1358.58
538	10.740	1584.65	1468.17	1409.32	1358.58
539	10.760	1584.55	1468.16	1409.33	1358.59
540	10.780	1584.45	1468.15	1409.33	1358.59
541	10.800	1584.35	1468.14	1409.34	1358.60

542	10.820	1584.32	1468.13	1409.34	1358.60
543	10.840	1584.29	1468.12	1409.34	1358.61
544	10.860	1584.27	1468.11	1409.35	1358.62
545	10.880	1584.25	1468.10	1409.35	1358.62
546	10.900	1584.22	1468.09	1409.35	1358.63
547	10.920	1584.20	1468.08	1409.35	1358.64
548	10.940	1584.17	1468.07	1409.35	1358.64
549	10.960	1584.14	1468.06	1409.36	1358.65
550	10.980	1584.11	1468.05	1409.36	1358.66
551	11.000	1584.07	1468.04	1409.36	1358.67
552	11.020	1584.04	1468.02	1409.36	1358.68
553	11.040	1584.01	1468.01	1409.36	1358.69
554	11.060	1583.98	1468.00	1409.36	1358.70
555	11.080	1583.94	1467.99	1409.36	1358.70
556	11.100	1583.91	1467.98	1409.35	1358.71
557	11.120	1583.88	1467.96	1409.35	1358.72
558	11.140	1583.84	1467.95	1409.35	1358.73
559	11.160	1583.81	1467.94	1409.35	1358.74
560	11.180	1583.78	1467.92	1409.34	1358.75
561	11.200	1583.74	1467.91	1409.34	1358.76
562	11.220	1583.71	1467.89	1409.34	1358.77
563	11.240	1583.68	1467.87	1409.33	1358.78
564	11.260	1583.64	1467.85	1409.33	1358.79
565	11.280	1583.61	1467.83	1409.32	1358.80
566	11.300	1583.58	1467.81	1409.31	1358.81
567	11.320	1583.54	1467.78	1409.31	1358.82
568	11.340	1583.51	1467.76	1409.30	1358.83
569	11.360	1583.48	1467.74	1409.29	1358.84
570	11.380	1583.44	1467.72	1409.29	1358.85
571	11.400	1583.41	1467.70	1409.28	1358.86
572	11.420	1583.38	1467.69	1409.27	1358.86
573	11.440	1583.34	1467.67	1409.26	1358.87
574	11.460	1583.31	1467.65	1409.25	1358.88
575	11.480	1583.28	1467.63	1409.25	1358.89
576	11.500	1583.24	1467.61	1409.24	1358.90
577	11.520	1583.21	1467.59	1409.23	1358.90
578	11.540	1583.16	1467.57	1409.22	1358.91
579	11.560	1583.10	1467.55	1409.21	1358.92
580	11.580	1583.03	1467.54	1409.20	1358.92
581	11.600	1582.95	1467.52	1409.19	1358.93
582	11.620	1582.87	1467.50	1409.18	1358.94
583	11.640	1582.79	1467.48	1409.17	1358.94
584	11.660	1582.79	1467.46	1409.16	1358.95
585	11.680	1582.79	1467.44	1409.15	1358.95
586	11.700	1582.79	1467.41	1409.14	1358.96
587	11.720	1582.79	1467.39	1409.13	1358.96
588	11.740	1582.79	1467.37	1409.12	1358.97
589	11.760	1582.79	1467.35	1409.11	1358.97
590	11.780	1582.79	1467.33	1409.10	1358.98
591	11.800	1582.79	1467.31	1409.09	1358.98
592	11.820	1582.79	1467.29	1409.08	1358.98
593	11.830	1582.79	1467.28	1409.08	1358.98
594	11.840	1582.79	1467.27	1409.07	1358.99
595	11.850	1582.79	1467.26	1409.07	1358.99
596	11.860	1582.79	1467.25	1409.06	1358.99
597	11.870	1582.79	1467.24	1409.06	1358.99
598	11.875	1582.79	1467.23	1409.05	1358.99
599	11.880	1582.79	1467.23	1409.05	1358.99
600	11.890	1582.79	1467.22	1409.05	1358.99
601	11.900	1582.79	1467.21	1409.04	1358.99

602	11.903	1582.79	1467.20	1409.04	1358.99
603	11.911	1582.79	1467.20	1409.04	1358.99
604	11.920	1582.79	1467.19	1409.03	1358.99
605	11.923	1582.79	1467.18	1409.03	1358.99
606	11.931	1582.79	1467.18	1409.03	1358.99
607	11.936	1582.79	1467.17	1409.02	1358.99
608	11.940	1582.79	1467.17	1409.02	1358.99
609	11.943	1582.79	1467.17	1409.02	1358.99
610	11.951	1582.79	1467.16	1409.01	1358.99
611	11.956	1582.79	1467.15	1409.01	1358.99
612	11.960	1582.79	1467.15	1409.01	1358.99
613	11.963	1582.79	1467.15	1409.01	1358.99
614	11.965	1582.79	1467.15	1409.01	1358.99
615	11.972	1582.79	1467.14	1409.00	1358.99
616	11.976	1582.79	1467.14	1409.00	1358.99
617	11.980	1582.79	1467.13	1409.00	1358.99
618	11.983	1582.79	1467.13	1409.00	1358.99
619	11.985	1582.79	1467.13	1409.00	1358.99
620	11.992	1582.79	1467.12	1408.99	1358.99
621	11.996	1582.79	1467.12	1408.99	1358.99
622	12.000	1582.79	1467.11	1408.99	1358.99
623	12.003	1582.79	1467.11	1408.99	1358.99
624	12.005	1582.79	1467.11	1408.99	1358.99
625	12.007	1582.79	1467.11	1408.98	1358.99
626	12.013	1582.79	1467.10	1408.98	1358.99
627	12.017	1582.79	1467.10	1408.98	1358.99
628	12.020	1582.79	1467.10	1408.98	1358.99
629	12.023	1582.79	1467.10	1408.98	1358.99
630	12.025	1582.79	1467.09	1408.97	1358.99
631	12.027	1582.79	1467.09	1408.97	1358.99
632	12.028	1582.79	1467.09	1408.97	1358.99
633	12.034	1582.79	1467.09	1408.97	1358.99
634	12.037	1582.79	1467.09	1408.97	1358.99
635	12.040	1582.79	1467.08	1408.96	1358.99
636	12.043	1582.79	1467.08	1408.96	1358.99
637	12.045	1582.79	1467.08	1408.96	1358.99
638	12.047	1582.79	1467.08	1408.96	1358.99
639	12.048	1582.79	1467.08	1408.96	1358.99
640	12.050	1582.79	1467.08	1408.96	1358.99
641	12.055	1582.79	1467.07	1408.95	1358.99
642	12.058	1582.79	1467.07	1408.95	1358.99
643	12.060	1582.79	1467.07	1408.95	1358.99
644	12.063	1582.79	1467.07	1408.95	1358.99
645	12.065	1582.79	1467.06	1408.95	1358.99
646	12.067	1582.79	1467.06	1408.95	1358.99
647	12.068	1582.79	1467.06	1408.94	1358.99
648	12.070	1582.79	1467.06	1408.94	1358.98
649	12.075	1582.79	1467.06	1408.94	1358.99
650	12.078	1582.79	1467.06	1408.94	1358.98
651	12.080	1582.79	1467.05	1408.94	1358.98
652	12.083	1582.79	1467.05	1408.93	1358.98
653	12.085	1582.79	1467.05	1408.93	1358.98
654	12.087	1582.79	1467.05	1408.93	1358.98
655	12.088	1582.79	1467.05	1408.93	1358.98
656	12.090	1582.79	1467.05	1408.93	1358.98
657	12.091	1582.79	1467.05	1408.93	1358.98
658	12.096	1582.79	1467.04	1408.93	1358.98
659	12.098	1582.79	1467.04	1408.92	1358.98
660	12.100	1582.79	1467.04	1408.92	1358.98
661	12.103	1582.79	1467.04	1408.92	1358.98

662	12.105	1582.79	1467.04	1408.92	1358.98
663	12.107	1582.79	1467.03	1408.92	1358.98
664	12.108	1582.79	1467.03	1408.92	1358.98
665	12.110	1582.79	1467.03	1408.92	1358.97
666	12.111	1582.79	1467.03	1408.91	1358.97
667	12.116	1582.79	1467.03	1408.91	1358.97
668	12.118	1582.79	1467.03	1408.91	1358.97
669	12.120	1582.79	1467.03	1408.91	1358.97
670	12.123	1582.79	1467.02	1408.91	1358.97
671	12.125	1582.79	1467.02	1408.90	1358.97
672	12.127	1582.79	1467.02	1408.90	1358.97
673	12.128	1582.79	1467.02	1408.90	1358.97
674	12.130	1582.79	1467.02	1408.90	1358.97
675	12.131	1582.79	1467.02	1408.90	1358.97
676	12.132	1582.79	1467.02	1408.90	1358.96
677	12.136	1582.79	1467.01	1408.90	1358.96
678	12.138	1582.79	1467.01	1408.90	1358.96
679	12.140	1582.79	1467.01	1408.89	1358.96
680	12.143	1582.79	1467.01	1408.89	1358.96
681	12.145	1582.79	1467.01	1408.89	1358.96
682	12.147	1582.79	1467.01	1408.89	1358.96
683	12.148	1582.79	1467.01	1408.89	1358.96
684	12.150	1582.79	1467.01	1408.89	1358.96
685	12.151	1582.79	1467.00	1408.89	1358.95
686	12.152	1582.79	1467.00	1408.88	1358.94
687	12.156	1582.79	1467.00	1408.88	1358.95
688	12.158	1582.79	1467.00	1408.88	1358.95
689	12.160	1582.79	1467.00	1408.88	1358.95
690	12.163	1582.79	1467.00	1408.88	1358.95
691	12.165	1582.79	1467.00	1408.88	1358.95
692	12.172	1584.09	1466.99	1408.87	1358.96
693	12.180	1584.75	1466.99	1408.87	1358.97
694	12.190	1627.49	1466.70	1408.65	1358.86
695	12.195	1604.27	1466.66	1408.64	1358.87
696	12.198	1595.46	1466.65	1408.64	1358.87
697	12.200	1589.82	1466.65	1408.63	1358.87
698	12.210	1583.48	1466.66	1408.62	1358.87
699	12.220	1583.48	1466.67	1408.61	1358.87

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K	TTP(K)	QC(K,I),I=1,NTT)			
*****	********	**********			
1	.000	.90	2.04	1.91	1.25
2	.020	.90	2.25	2.06	1.25
3	.040	.90	2.18	2.03	1.27
4	.060	.91	2.21	2.05	1.26
5	.080	.91	2.20	2.05	1.27
6	.100	.91	2.20	2.06	1.27
7	.120	.91	2.20	2.06	1.27
8	.140	.92	2.20	2.06	1.27
9	.160	.92	2.20	2.06	1.27
10	.180	.92	2.20	2.07	1.27
11	.200	.92	2.20	2.07	1.27
12	.220	.93	2.20	2.07	1.27
13	.240	.93	2.20	2.07	1.27

14	.260	.93	2.20	2.07	1.27
15	.280	.93	2.20	2.07	1.27
16	.300	.94	2.20	2.07	1.27
17	.320	.94	2.20	2.07	1.27
18	.340	.94	2.20	2.07	1.27
19	.360	.94	2.20	2.07	1.27
20	.380	.95	2.20	2.07	1.27
21	.400	.95	2.20	2.07	1.27
22	.420	.95	2.20	2.07	1.27
23	.440	.95	2.20	2.07	1.27
24	.460	.96	2.20	2.07	1.27
25	.480	.96	2.20	2.07	1.27
26	.500	.96	2.20	2.07	1.27
27	.520	.96	2.20	2.07	1.27
28	.540	.97	2.20	2.07	1.27
29	.560	.97	2.20	2.07	1.27
30	.580	.97	2.20	2.07	1.27
31	.600	.97	2.20	2.07	1.27
32	.620	.97	2.20	2.07	1.27
33	.640	.98	2.20	2.07	1.27
34	.660	.98	2.20	2.07	1.27
35	.680	.98	2.20	2.07	1.27
36	.700	.98	2.20	2.07	1.27
37	.720	.99	2.20	2.07	1.27
38	.740	.99	2.20	2.07	1.27
39	.760	.99	2.20	2.07	1.27
40	.780	.99	2.20	2.07	1.27
41	.800	1.00	2.20	2.07	1.27
42	.820	1.00	2.20	2.07	1.27
43	.840	1.00	2.20	2.07	1.27
44	.860	1.00	2.20	2.07	1.27
45	.880	1.01	2.20	2.07	1.27
46	.900	1.01	2.20	2.07	1.27
47	.920	1.01	2.20	2.07	1.27
48	.940	1.01	2.20	2.07	1.27
49	.960	1.02	2.20	2.07	1.27
50	.980	1.02	2.20	2.07	1.27
51	1.000	1.02	2.20	2.07	1.27
52	1.020	1.02	2.20	2.07	1.27
53	1.040	1.03	2.20	2.07	1.27
54	1.060	1.03	2.20	2.07	1.27
55	1.080	1.03	2.20	2.07	1.27
56	1.100	1.03	2.20	2.07	1.27
57	1.120	1.04	2.20	2.07	1.27
58	1.140	1.04	2.20	2.07	1.27
59	1.160	1.04	2.20	2.07	1.27
60	1.180	1.04	2.20	2.07	1.27
61	1.200	1.05	2.20	2.07	1.27
62	1.220	1.05	2.20	2.07	1.27
63	1.240	1.05	2.20	2.07	1.27
64	1.260	1.05	2.20	2.07	1.27
65	1.280	1.05	2.20	2.07	1.27
66	1.300	1.06	2.20	2.07	1.27
67	1.320	1.06	2.20	2.07	1.27
68	1.340	1.06	2.20	2.07	1.27
69	1.360	1.06	2.20	2.07	1.27
70	1.380	1.07	2.20	2.07	1.27
71	1.400	1.07	2.20	2.07	1.27
72	1.420	1.07	2.20	2.07	1.27
73	1.440	1.07	2.20	2.07	1.27

74	1.460	1.08	2.20	2.07	1.27
75	1.480	1.08	2.20	2.07	1.27
76	1.500	1.08	2.20	2.07	1.27
77	1.520	1.08	2.20	2.07	1.27
78	1.540	1.09	2.20	2.07	1.27
79	1.560	1.09	2.20	2.07	1.27
80	1.580	1.09	2.20	2.07	1.27
81	1.600	1.09	2.20	2.07	1.27
82	1.620	1.10	2.20	2.07	1.27
83	1.640	1.10	2.20	2.07	1.27
84	1.660	1.10	2.20	2.07	1.27
85	1.680	1.10	2.20	2.07	1.27
86	1.700	1.11	2.20	2.07	1.27
87	1.720	1.11	2.20	2.07	1.27
88	1.740	1.11	2.20	2.07	1.27
89	1.760	1.11	2.20	2.07	1.27
90	1.780	1.12	2.20	2.07	1.27
91	1.800	1.12	2.20	2.07	1.27
92	1.820	1.12	2.20	2.07	1.28
93	1.840	1.12	2.20	2.07	1.29
94	1.860	1.12	2.20	2.07	1.30
95	1.880	1.13	2.20	2.07	1.29
96	1.900	1.13	2.20	2.07	1.26
97	1.920	1.13	2.20	2.07	1.24
98	1.940	1.13	2.20	2.07	1.26
99	1.960	1.14	2.20	2.07	1.32
100	1.980	1.14	2.20	2.07	1.40
101	2.000	1.14	2.20	2.06	1.51
102	2.020	1.14	2.20	2.06	1.80
103	2.040	1.15	2.20	2.06	1.96
104	2.060	1.15	2.20	2.06	2.02
105	2.080	1.15	2.20	2.06	2.05
106	2.100	1.15	2.20	2.06	2.06
107	2.120	1.16	2.20	2.06	2.07
108	2.140	1.16	2.20	2.06	2.07
109	2.160	1.16	2.20	2.06	2.07
110	2.180	1.16	2.20	2.07	2.07
111	2.200	1.17	2.20	2.07	2.07
112	2.220	1.17	2.20	2.08	2.07
113	2.240	1.17	2.20	2.09	2.07
114	2.260	1.17	2.20	2.09	2.07
115	2.280	1.18	2.20	2.10	2.07
116	2.300	1.18	2.20	2.11	2.07
117	2.320	1.18	2.20	2.11	2.07
118	2.340	1.18	2.20	2.12	2.07
119	2.360	1.19	2.20	2.12	2.07
120	2.380	1.19	2.20	2.13	2.07
121	2.400	1.19	2.20	2.13	2.07
122	2.420	1.19	2.20	2.14	2.07
123	2.440	1.19	2.20	2.14	2.07
124	2.460	1.20	2.20	2.15	2.07
125	2.480	1.20	2.20	2.15	2.07
126	2.500	1.20	2.20	2.16	2.07
127	2.520	1.20	2.20	2.16	2.07
128	2.540	1.21	2.20	2.16	2.07
129	2.560	1.21	2.20	2.17	2.07
130	2.580	1.21	2.20	2.17	2.07
131	2.600	1.21	2.20	2.17	2.07
132	2.620	1.22	2.20	2.17	2.07
133	2.640	1.22	2.20	2.18	2.07

134	2.660	1.22	2.20	2.18	2.07
135	2.680	1.22	2.20	2.18	2.07
136	2.700	1.23	2.20	2.18	2.07
137	2.720	1.23	2.20	2.18	2.07
138	2.740	1.23	2.20	2.18	2.07
139	2.760	1.23	2.20	2.19	2.07
140	2.780	1.24	2.20	2.19	2.07
141	2.800	1.24	2.20	2.19	2.07
142	2.820	1.24	2.20	2.19	2.07
143	2.840	1.24	2.20	2.19	2.07
144	2.860	1.25	2.20	2.19	2.07
145	2.880	1.25	2.20	2.19	2.07
146	2.900	1.25	2.20	2.19	2.07
147	2.920	1.25	2.20	2.19	2.07
148	2.940	1.26	2.20	2.19	2.07
149	2.960	1.26	2.20	2.19	2.07
150	2.980	1.26	2.20	2.19	2.07
151	3.000	1.26	2.20	2.19	2.07
152	3.020	1.26	2.20	2.19	2.07
153	3.040	1.27	2.20	2.19	2.07
154	3.060	1.27	2.20	2.19	2.07
155	3.080	1.27	2.20	2.19	2.07
156	3.100	1.27	2.20	2.19	2.07
157	3.120	1.28	2.20	2.19	2.07
158	3.140	1.28	2.20	2.19	2.07
159	3.160	1.28	2.20	2.19	2.07
160	3.180	1.28	2.20	2.19	2.07
161	3.200	1.29	2.20	2.19	2.07
162	3.220	1.29	2.20	2.19	2.07
163	3.240	1.29	2.20	2.19	2.07
164	3.260	1.29	2.20	2.19	2.07
165	3.280	1.30	2.20	2.19	2.07
166	3.300	1.30	2.20	2.19	2.07
167	3.320	1.30	2.20	2.19	2.07
168	3.340	1.30	2.20	2.19	2.07
169	3.360	1.31	2.20	2.19	2.07
170	3.380	1.31	2.20	2.19	2.07
171	3.400	1.31	2.20	2.19	2.07
172	3.420	1.31	2.20	2.19	2.07
173	3.440	1.32	2.20	2.19	2.07
174	3.460	1.32	2.20	2.19	2.08
175	3.480	1.32	2.20	2.19	2.08
176	3.500	1.32	2.20	2.19	2.08
177	3.520	1.33	2.20	2.19	2.08
178	3.540	1.33	2.20	2.19	2.08
179	3.560	1.33	2.20	2.19	2.08
180	3.580	1.33	2.20	2.19	2.08
181	3.600	1.33	2.20	2.19	2.09
182	3.620	1.39	2.20	2.19	2.09
183	3.640	1.45	2.20	2.19	2.09
184	3.660	1.51	2.20	2.19	2.10
185	3.680	1.56	2.20	2.19	2.10
186	3.700	1.62	2.20	2.19	2.10
187	3.720	1.68	2.20	2.19	2.11
188	3.740	1.73	2.20	2.19	2.11
189	3.760	1.79	2.20	2.19	2.12
190	3.780	1.85	2.20	2.19	2.12
191	3.800	1.90	2.20	2.19	2.12
192	3.820	1.96	2.20	2.19	2.13
193	3.840	2.02	2.20	2.19	2.13

194	3.860	2.08	2.20	2.19	2.13
195	3.880	2.13	2.20	2.19	2.14
196	3.900	2.19	2.20	2.19	2.14
197	3.920	2.25	2.20	2.19	2.14
198	3.940	2.30	2.20	2.19	2.15
199	3.960	2.36	2.20	2.19	2.15
200	3.980	2.42	2.20	2.19	2.15
201	4.000	2.47	2.20	2.19	2.15
202	4.020	2.53	2.20	2.19	2.16
203	4.040	2.59	2.20	2.19	2.16
204	4.060	2.65	2.20	2.19	2.16
205	4.080	2.70	2.20	2.19	2.17
206	4.100	2.76	2.20	2.19	2.17
207	4.120	2.82	2.20	2.19	2.17
208	4.140	2.87	2.20	2.19	2.17
209	4.160	2.93	2.20	2.19	2.17
210	4.180	2.99	2.20	2.19	2.17
211	4.200	3.04	2.20	2.19	2.17
212	4.220	3.18	2.20	2.19	2.17
213	4.240	3.32	2.20	2.19	2.18
214	4.260	3.46	2.20	2.19	2.18
215	4.280	3.60	2.20	2.19	2.18
216	4.300	3.73	2.20	2.19	2.18
217	4.320	3.87	2.20	2.19	2.18
218	4.340	4.01	2.20	2.19	2.18
219	4.360	4.15	2.20	2.19	2.18
220	4.380	4.28	2.20	2.19	2.18
221	4.400	4.42	2.20	2.19	2.18
222	4.420	4.56	2.20	2.19	2.18
223	4.440	4.70	2.20	2.19	2.19
224	4.460	4.84	2.20	2.19	2.19
225	4.480	4.97	2.20	2.19	2.19
226	4.500	5.11	2.20	2.19	2.19
227	4.520	5.25	2.20	2.19	2.19
228	4.540	5.39	2.20	2.19	2.19
229	4.560	5.52	2.20	2.19	2.19
230	4.580	5.66	2.20	2.19	2.19
231	4.600	5.80	2.20	2.19	2.19
232	4.620	5.94	2.20	2.19	2.19
233	4.640	6.08	2.20	2.19	2.19
234	4.660	6.21	2.20	2.19	2.19
235	4.680	6.35	2.20	2.19	2.19
236	4.700	6.49	2.20	2.19	2.19
237	4.720	6.63	2.20	2.19	2.19
238	4.740	6.75	2.20	2.19	2.19
239	4.760	6.90	2.20	2.19	2.19
240	4.780	7.04	2.20	2.19	2.19
241	4.800	7.18	2.20	2.19	2.19
242	4.820	7.41	2.20	2.19	2.19
243	4.840	7.64	2.20	2.19	2.19
244	4.860	7.87	2.20	2.19	2.19
245	4.880	8.10	2.20	2.19	2.19
246	4.900	8.33	2.20	2.19	2.19
247	4.920	8.57	2.20	2.19	2.19
248	4.940	8.80	2.20	2.19	2.19
249	4.960	9.03	2.20	2.19	2.19
250	4.980	9.26	2.20	2.19	2.19
251	5.000	9.49	2.20	2.19	2.19
252	5.020	9.72	2.20	2.19	2.19
253	5.040	9.95	2.20	2.19	2.19

254	5.060	10.19	2.20	2.19	2.19
255	5.080	10.42	2.20	2.19	2.19
256	5.100	10.65	2.20	2.19	2.19
257	5.120	10.88	2.20	2.19	2.19
258	5.140	11.11	2.20	2.19	2.19
259	5.160	11.34	2.20	2.19	2.19
260	5.180	11.57	2.20	2.19	2.19
261	5.200	11.81	2.20	2.19	2.19
262	5.220	12.04	2.20	2.19	2.19
263	5.240	12.27	2.20	2.19	2.19
264	5.260	12.50	2.20	2.19	2.19
265	5.280	12.73	2.20	2.19	2.19
266	5.300	12.96	2.20	2.19	2.19
267	5.320	13.19	2.20	2.19	2.19
268	5.340	13.43	2.20	2.19	2.19
269	5.360	13.66	2.20	2.19	2.19
270	5.380	13.89	2.20	2.19	2.19
271	5.400	14.12	2.20	2.19	2.19
272	5.420	14.35	2.20	2.19	2.19
273	5.440	14.58	2.20	2.19	2.19
274	5.460	14.81	2.20	2.19	2.19
275	5.480	15.05	2.20	2.19	2.19
276	5.500	15.28	2.20	2.19	2.19
277	5.520	15.51	2.20	2.19	2.19
278	5.540	15.74	2.20	2.19	2.19
279	5.560	15.97	2.20	2.19	2.19
280	5.580	16.20	2.20	2.19	2.19
281	5.600	16.43	2.20	2.19	2.19
282	5.620	16.67	2.20	2.19	2.19
283	5.640	16.90	2.20	2.19	2.19
284	5.660	17.13	2.20	2.19	2.19
285	5.680	17.36	2.20	2.19	2.19
286	5.700	17.59	2.20	2.19	2.19
287	5.720	17.82	2.20	2.19	2.19
288	5.740	18.05	2.20	2.19	2.19
289	5.760	18.29	2.20	2.19	2.19
290	5.780	18.52	2.20	2.19	2.19
291	5.800	18.75	2.20	2.19	2.19
292	5.820	18.98	2.20	2.19	2.19
293	5.840	19.21	2.20	2.19	2.19
294	5.860	19.44	2.20	2.19	2.19
295	5.880	19.67	2.20	2.19	2.19
296	5.900	19.90	2.20	2.19	2.19
297	5.920	20.14	2.20	2.19	2.19
298	5.940	20.37	2.20	2.19	2.19
299	5.960	20.60	2.20	2.19	2.19
300	5.980	20.83	2.20	2.19	2.19
301	6.000	21.06	2.20	2.19	2.19
302	6.020	22.07	2.20	2.19	2.19
303	6.040	23.08	2.20	2.19	2.19
304	6.060	24.09	2.20	2.19	2.19
305	6.080	25.10	2.20	2.19	2.19
306	6.100	26.11	2.20	2.19	2.19
307	6.120	27.12	2.20	2.19	2.19
308	6.140	28.13	2.20	2.19	2.19
309	6.160	29.14	2.20	2.19	2.19
310	6.180	30.15	2.20	2.19	2.19
311	6.200	31.16	2.20	2.19	2.19
312	6.220	32.18	2.20	2.19	2.19
313	6.240	33.19	2.20	2.19	2.19

374	7.460	49.24	21.14	2.20	2.19
375	7.480	49.29	22.41	2.20	2.19
376	7.500	49.35	23.42	2.20	2.19
377	7.520	49.40	24.28	2.20	2.19
378	7.540	49.45	25.15	2.20	2.19
379	7.560	49.51	26.00	2.20	2.19
380	7.580	49.56	26.86	2.20	2.19
381	7.600	49.61	27.71	2.20	2.19
382	7.620	49.66	28.56	2.20	2.19
383	7.640	49.72	29.40	2.20	2.19
384	7.660	49.77	30.24	2.20	2.19
385	7.680	49.82	31.06	2.20	2.19
386	7.700	49.88	31.88	2.20	2.19
387	7.720	49.93	32.68	2.20	2.19
388	7.740	49.98	33.46	2.20	2.19
389	7.760	50.04	34.21	2.20	2.19
390	7.780	50.09	34.94	2.20	2.19
391	7.800	50.14	35.62	2.20	2.19
392	7.820	50.57	36.28	2.20	2.19
393	7.840	51.00	36.90	2.20	2.19
394	7.860	51.43	37.48	2.20	2.19
395	7.880	51.86	38.02	2.20	2.19
396	7.900	52.29	38.52	2.20	2.19
397	7.920	52.71	38.99	2.20	2.19
398	7.940	53.14	39.42	2.20	2.19
399	7.960	53.57	39.82	2.20	2.19
400	7.980	54.00	40.19	2.20	2.19
401	8.000	54.43	40.53	2.20	2.19
402	8.020	54.86	40.85	2.20	2.19
403	8.040	55.29	41.15	2.20	2.19
404	8.060	55.72	41.44	2.20	2.19
405	8.080	56.14	41.71	2.20	2.19
406	8.100	56.57	41.97	2.18	2.19
407	8.120	57.00	42.21	2.19	2.19
408	8.140	57.43	42.46	2.23	2.19
409	8.160	57.86	42.70	2.25	2.19
410	8.180	58.29	42.94	2.25	2.19
411	8.200	58.72	43.18	2.06	2.19
412	8.220	59.15	43.40	1.98	2.19
413	8.240	59.57	43.62	2.85	2.19
414	8.260	60.00	43.84	4.08	2.19
415	8.280	60.43	44.05	6.25	2.19
416	8.300	60.86	44.30	7.35	2.19
417	8.320	61.29	44.56	7.75	2.19
418	8.340	61.72	44.82	8.20	2.19
419	8.360	62.15	45.07	8.49	2.19
420	8.380	62.58	45.30	8.73	2.19
421	8.400	63.00	45.52	8.95	2.19
422	8.420	63.43	45.74	9.21	2.19
423	8.440	63.86	45.94	9.47	2.19
424	8.460	64.29	46.14	9.71	2.19
425	8.480	64.72	46.34	9.97	2.19
426	8.500	65.15	46.53	10.27	2.19
427	8.520	65.58	46.71	10.61	2.19
428	8.540	66.00	46.90	11.02	2.19
429	8.560	66.43	47.08	11.49	2.19
430	8.580	66.86	47.25	12.09	2.19
431	8.600	67.29	47.43	12.88	2.19
432	8.620	67.46	47.60	13.92	2.19
433	8.640	67.63	47.76	15.35	2.19

314	6.260	34.20	2.20	2.19	2.19
315	6.280	35.21	2.20	2.19	2.19
316	6.300	36.22	2.20	2.19	2.19
317	6.320	37.23	2.20	2.19	2.19
318	6.340	38.24	2.20	2.19	2.19
319	6.360	39.25	2.20	2.19	2.19
320	6.380	40.26	2.20	2.19	2.19
321	6.400	41.27	2.20	2.19	2.19
322	6.420	41.25	2.20	2.19	2.19
323	6.440	41.22	2.21	2.19	2.19
324	6.460	41.20	2.21	2.19	2.19
325	6.480	41.18	2.21	2.19	2.19
326	6.500	41.15	2.21	2.19	2.19
327	6.520	41.13	2.20	2.19	2.19
328	6.540	41.11	2.19	2.19	2.19
329	6.560	41.09	2.19	2.19	2.19
330	6.580	41.06	2.18	2.19	2.19
331	6.600	41.04	2.20	2.19	2.19
332	6.620	41.24	2.23	2.19	2.19
333	6.640	41.44	2.24	2.19	2.19
334	6.660	41.64	2.25	2.19	2.19
335	6.680	41.84	2.30	2.19	2.19
336	6.700	42.05	2.26	2.19	2.19
337	6.720	42.25	2.22	2.19	2.19
338	6.740	42.45	2.04	2.19	2.19
339	6.760	42.65	-2.00	2.19	2.19
340	6.780	42.85	2.13	2.19	2.19
341	6.800	43.05	2.22	2.19	2.19
342	6.820	43.25	2.47	2.19	2.19
343	6.840	43.45	2.86	2.19	2.19
344	6.860	43.65	3.26	2.19	2.19
345	6.880	43.85	3.56	2.19	2.19
346	6.900	44.06	4.05	2.19	2.19
347	6.920	44.26	4.78	2.19	2.19
348	6.940	44.46	5.32	2.19	2.19
349	6.960	44.66	5.63	2.19	2.19
350	6.980	44.86	5.95	2.19	2.19
351	7.000	45.06	6.32	2.19	2.19
352	7.020	45.26	6.68	2.19	2.19
353	7.040	45.46	7.07	2.19	2.19
354	7.060	45.66	7.46	2.19	2.19
355	7.080	45.86	7.88	2.19	2.19
356	7.100	46.07	8.31	2.19	2.19
357	7.120	46.27	8.75	2.19	2.19
358	7.140	46.47	9.21	2.19	2.19
359	7.160	46.67	9.70	2.19	2.19
360	7.180	46.87	10.19	2.19	2.19
361	7.200	47.07	10.71	2.19	2.19
362	7.220	47.27	11.24	2.19	2.19
363	7.240	47.47	11.80	2.19	2.19
364	7.260	47.67	12.39	2.19	2.19
365	7.280	47.87	13.00	2.19	2.19
366	7.300	48.08	13.67	2.19	2.19
367	7.320	48.28	14.35	2.19	2.19
368	7.340	48.48	15.21	2.19	2.19
369	7.360	48.68	16.20	2.19	2.19
370	7.380	48.88	17.14	2.19	2.19
371	7.400	49.08	18.01	2.19	2.19
372	7.420	49.13	19.01	2.19	2.19
373	7.440	49.19	20.09	2.20	2.19

434	8.660	67.79	47.91	17.48	2.19
435	8.680	67.96	48.06	20.32	2.19
436	8.700	68.13	48.20	24.08	2.19
437	8.720	68.30	48.34	26.88	2.19
438	8.740	68.46	48.47	28.37	2.19
439	8.760	68.63	48.60	30.63	2.19
440	8.780	68.80	48.72	32.14	2.19
441	8.800	68.97	48.84	33.58	2.19
442	8.820	69.13	48.96	35.02	2.19
443	8.840	69.30	49.07	36.33	2.19
444	8.860	69.47	49.17	37.41	2.19
445	8.880	69.64	49.28	38.24	2.19
446	8.900	69.80	49.39	38.94	2.19
447	8.920	69.97	49.50	39.55	2.19
448	8.940	70.14	49.61	40.09	2.19
449	8.960	70.31	49.73	40.61	2.19
450	8.980	70.47	49.85	41.07	2.19
451	9.000	70.64	49.99	41.47	2.19
452	9.020	70.81	50.14	41.85	2.19
453	9.040	70.98	50.31	42.19	2.19
454	9.060	71.14	50.48	42.52	2.19
455	9.080	71.31	50.68	42.83	2.19
456	9.100	71.48	50.89	43.12	2.19
457	9.120	71.37	51.12	43.41	2.20
458	9.140	71.27	51.37	43.68	2.20
459	9.160	71.17	51.63	43.95	2.20
460	9.180	71.06	51.92	44.21	2.20
461	9.200	70.96	52.22	44.46	2.20
462	9.220	70.85	52.54	44.71	2.20
463	9.240	70.75	52.90	44.96	2.20
464	9.260	70.64	53.34	45.19	2.20
465	9.280	70.54	53.80	45.42	2.19
466	9.300	70.43	54.24	45.65	2.19
467	9.320	70.33	54.69	45.87	2.19
468	9.340	70.22	55.14	46.08	2.18
469	9.360	70.12	55.66	46.29	2.18
470	9.380	70.02	56.19	46.49	2.18
471	9.400	69.91	56.69	46.69	2.20
472	9.420	69.05	57.19	46.88	2.23
473	9.440	68.20	57.70	47.07	2.28
474	9.460	67.34	58.22	47.25	2.35
475	9.480	66.49	58.74	47.42	2.45
476	9.500	65.63	59.26	47.59	2.58
477	9.520	64.78	59.79	47.75	2.72
478	9.540	63.92	60.32	47.91	2.89
479	9.560	63.06	60.86	48.07	3.07
480	9.580	62.21	61.39	48.22	3.27
481	9.600	61.35	61.91	48.36	3.49
482	9.620	60.50	62.43	48.50	3.74
483	9.640	59.64	62.94	48.64	4.04
484	9.660	58.79	63.43	48.78	4.46
485	9.680	57.93	63.91	48.91	5.18
486	9.700	57.07	64.38	49.05	6.53
487	9.720	56.22	64.82	49.19	8.69
488	9.740	55.36	65.25	49.32	11.18
489	9.760	54.51	65.65	49.46	13.59
490	9.780	53.65	66.03	49.61	15.33
491	9.800	52.80	66.38	49.76	16.69
492	9.820	51.94	66.73	49.92	17.97
493	9.840	51.09	67.07	50.10	19.24

494	9.860	50.23	67.40	50.28	20.60
495	9.880	49.37	67.70	50.48	22.18
496	9.900	48.52	67.97	50.69	24.17
497	9.920	47.66	68.23	50.92	26.74
498	9.940	46.81	68.46	51.17	29.52
499	9.960	45.95	68.69	51.44	32.70
500	9.980	45.10	68.90	51.73	35.01
501	10.000	44.24	69.11	52.04	36.63
502	10.020	43.38	69.29	52.38	38.00
503	10.040	42.53	69.48	52.75	39.12
504	10.060	41.67	69.65	53.20	40.10
505	10.080	40.82	69.80	53.62	40.95
506	10.100	39.96	69.95	54.08	41.70
507	10.120	39.11	70.08	54.56	42.37
508	10.140	38.25	70.20	55.06	42.95
509	10.160	37.39	70.31	55.58	43.47
510	10.180	36.54	70.40	56.12	43.91
511	10.200	35.68	70.47	56.68	44.32
512	10.220	34.83	70.53	57.24	44.68
513	10.240	33.97	70.57	57.83	44.99
514	10.260	33.12	70.59	58.41	45.28
515	10.280	32.26	70.59	59.02	45.54
516	10.300	31.41	70.58	59.65	45.76
517	10.320	30.55	70.54	60.23	45.98
518	10.340	29.69	70.48	60.79	46.22
519	10.360	28.84	70.39	61.34	46.41
520	10.380	27.98	70.29	61.88	46.60
521	10.400	27.13	70.14	62.39	46.78
522	10.420	26.27	69.98	62.90	46.96
523	10.440	25.42	69.79	63.39	47.14
524	10.460	24.56	69.56	63.89	47.32
525	10.480	23.70	69.31	64.38	47.50
526	10.500	22.85	69.02	64.83	47.67
527	10.520	21.99	68.71	65.26	47.85
528	10.540	21.14	68.37	65.66	48.03
529	10.560	20.28	67.99	66.05	48.21
530	10.580	19.43	67.61	66.42	48.39
531	10.600	18.57	67.22	66.77	48.56
532	10.620	17.71	66.81	67.10	48.74
533	10.640	16.86	66.39	67.41	48.92
534	10.660	16.00	65.94	67.70	49.11
535	10.680	15.15	65.47	67.97	49.30
536	10.700	14.29	64.99	68.24	49.50
537	10.720	13.44	64.50	68.48	49.70
538	10.740	12.58	63.99	68.71	49.92
539	10.760	11.72	63.47	68.92	50.15
540	10.780	10.87	62.94	69.11	50.39
541	10.800	10.02	62.40	69.30	50.65
542	10.820	9.81	61.86	69.47	50.92
543	10.840	9.61	61.31	69.61	51.21
544	10.860	9.40	60.75	69.75	51.51
545	10.880	9.20	60.19	69.87	51.83
546	10.900	9.00	59.61	69.97	52.16
547	10.920	8.79	59.03	70.06	52.52
548	10.940	8.59	58.45	70.13	52.88
549	10.960	8.39	57.86	70.18	53.27
550	10.980	8.18	57.27	70.21	53.66
551	11.000	7.98	56.65	70.23	54.08
552	11.020	7.77	56.03	70.23	54.50
553	11.040	7.57	55.40	70.20	54.94

554	11.060	7.37	54.76	70.16	55.39
555	11.080	7.16	54.20	70.09	55.85
556	11.100	6.96	53.60	70.00	56.31
557	11.120	6.76	53.03	69.89	56.78
558	11.140	6.55	52.48	69.75	57.25
559	11.160	6.35	51.88	69.60	57.73
560	11.180	6.15	51.26	69.41	58.22
561	11.200	5.94	50.58	69.21	58.69
562	11.220	5.74	49.88	68.98	59.17
563	11.240	5.53	49.15	68.73	59.64
564	11.260	5.33	48.39	68.47	60.11
565	11.280	5.13	47.63	68.18	60.58
566	11.300	4.92	46.85	67.87	61.03
567	11.320	4.72	46.09	67.54	61.49
568	11.340	4.52	45.35	67.20	61.93
569	11.360	4.31	44.74	66.83	62.36
570	11.380	4.11	44.15	66.45	62.78
571	11.400	3.90	43.56	66.07	63.20
572	11.420	3.70	42.98	65.66	63.60
573	11.440	3.50	42.40	65.25	63.99
574	11.460	3.29	41.81	64.81	64.36
575	11.480	3.09	41.21	64.37	64.73
576	11.500	2.89	40.61	63.92	65.09
577	11.520	2.68	39.99	63.48	65.44
578	11.540	2.48	39.37	63.04	65.77
579	11.560	2.27	38.74	62.58	66.09
580	11.580	2.07	38.11	62.10	66.40
581	11.600	1.87	37.47	61.61	66.71
582	11.620	1.66	36.82	61.11	66.99
583	11.640	1.46	36.17	60.60	67.26
584	11.660	1.26	35.51	60.10	67.52
585	11.680	1.05	34.84	59.59	67.76
586	11.700	1.05	34.18	59.10	68.00
587	11.720	1.05	33.50	58.63	68.22
588	11.740	1.05	32.83	58.16	68.42
589	11.760	1.05	32.15	57.68	68.60
590	11.780	1.05	31.46	57.20	68.77
591	11.800	1.05	30.78	56.71	68.92
592	11.820	1.05	30.09	56.22	69.06
593	11.830	1.05	29.74	55.98	69.12
594	11.840	1.05	29.40	55.73	69.17
595	11.850	1.05	29.06	55.48	69.22
596	11.860	1.05	28.72	55.24	69.27
597	11.870	1.05	28.38	54.98	69.31
598	11.875	1.05	28.21	54.86	69.33
599	11.880	1.05	28.04	54.73	69.35
600	11.890	1.05	27.71	54.48	69.38
601	11.900	1.05	27.38	54.23	69.41
602	11.903	1.05	27.29	54.16	69.41
603	11.911	1.05	27.00	53.94	69.43
604	11.920	1.05	26.72	53.72	69.45
605	11.923	1.05	26.64	53.65	69.45
606	11.931	1.05	26.37	53.43	69.47
607	11.936	1.05	26.23	53.31	69.47
608	11.940	1.05	26.10	53.20	69.47
609	11.943	1.05	26.02	53.13	69.48
610	11.951	1.05	25.75	52.91	69.48
611	11.956	1.05	25.62	52.79	69.48
612	11.960	1.05	25.49	52.68	69.49
613	11.963	1.05	25.41	52.61	69.48

614	11.965	1.05	25.35	52.56	69.48
615	11.972	1.05	25.12	52.35	69.48
616	11.976	1.05	25.01	52.25	69.48
617	11.980	1.05	24.90	52.15	69.47
618	11.983	1.05	24.83	52.08	69.47
619	11.985	1.05	24.77	52.03	69.47
620	11.992	1.05	24.55	51.84	69.45
621	11.996	1.05	24.45	51.75	69.44
622	12.000	1.05	24.34	51.65	69.43
623	12.003	1.05	24.28	51.59	69.43
624	12.005	1.05	24.21	51.53	69.43
625	12.007	1.05	24.16	51.48	69.43
626	12.013	1.05	23.98	51.30	69.40
627	12.017	1.05	23.90	51.21	69.39
628	12.020	1.05	23.81	51.12	69.38
629	12.023	1.05	23.74	51.06	69.37
630	12.025	1.05	23.69	51.00	69.37
631	12.027	1.05	23.64	50.95	69.37
632	12.028	1.05	23.59	50.90	69.37
633	12.034	1.05	23.44	50.74	69.33
634	12.037	1.05	23.36	50.67	69.32
635	12.040	1.05	23.29	50.59	69.31
636	12.043	1.05	23.22	50.52	69.30
637	12.045	1.05	23.17	50.46	69.29
638	12.047	1.05	23.12	50.41	69.29
639	12.048	1.05	23.08	50.36	69.30
640	12.050	1.05	23.04	50.32	69.31
641	12.055	1.05	22.91	50.18	69.25
642	12.058	1.05	22.86	50.11	69.24
643	12.060	1.05	22.79	50.04	69.22
644	12.063	1.05	22.73	49.97	69.21
645	12.065	1.05	22.67	49.91	69.21
646	12.067	1.05	22.63	49.86	69.20
647	12.068	1.05	22.59	49.81	69.21
648	12.070	1.05	22.55	49.77	69.23
649	12.075	1.05	22.43	49.63	69.15
650	12.078	1.05	22.38	49.55	69.13
651	12.080	1.05	22.31	49.48	69.11
652	12.083	1.05	22.26	49.41	69.09
653	12.085	1.05	22.19	49.35	69.08
654	12.087	1.05	22.15	49.29	69.08
655	12.088	1.05	22.11	49.24	69.09
656	12.090	1.05	22.08	49.20	69.12
657	12.091	1.05	22.04	49.16	69.17
658	12.096	1.05	21.95	49.04	69.05
659	12.098	1.05	21.88	48.97	69.03
660	12.100	1.05	21.84	48.92	69.00
661	12.103	1.05	21.78	48.83	68.97
662	12.105	1.05	21.73	48.78	68.96
663	12.107	1.05	21.69	48.73	68.95
664	12.108	1.05	21.64	48.67	68.97
665	12.110	1.05	21.61	48.63	69.00
666	12.111	1.05	21.57	48.59	69.08
667	12.116	1.05	21.49	48.47	68.91
668	12.118	1.05	21.42	48.40	68.88
669	12.120	1.05	21.38	48.35	68.84
670	12.123	1.05	21.32	48.26	68.80
671	12.125	1.05	21.27	48.21	68.78
672	12.127	1.05	21.23	48.16	68.78
673	12.128	1.05	21.19	48.11	68.79

674	12.130	1.05	21.16	48.06	68.83
675	12.131	1.05	21.12	48.03	68.91
676	12.132	1.05	21.12	48.00	69.09
677	12.136	1.05	21.00	47.89	68.82
678	12.138	1.05	20.98	47.82	68.80
679	12.140	1.05	20.93	47.80	68.78
680	12.143	1.05	20.87	47.68	68.70
681	12.145	1.05	20.82	47.64	68.66
682	12.147	1.05	20.78	47.59	68.65
683	12.148	1.05	20.74	47.54	68.67
684	12.150	1.05	20.72	47.49	68.73
685	12.151	1.05	20.67	47.45	68.87
686	12.152	1.05	20.68	47.42	69.15
687	12.156	1.05	20.56	47.32	68.71
688	12.158	1.05	20.53	47.24	68.67
689	12.160	1.05	20.49	47.25	68.62
690	12.163	1.05	20.44	47.09	68.50
691	12.165	1.05	20.41	47.07	68.10
692	12.172	1.05	20.28	46.86	68.25
693	12.180	1.05	20.22	46.75	68.21
694	12.190	1.05	11.38	34.94	64.29
695	12.195	1.05	14.08	36.27	63.55
696	12.198	1.05	14.90	36.71	63.39
697	12.200	1.05	15.12	36.87	63.45
698	12.210	1.05	15.10	36.69	63.56
699	12.220	1.05	15.09	36.61	63.56

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DISCHARGE HYDROGRAPH FOR RITTENHOUSE RES. ... STATION NUMBER 1
BELOW RITTENHOUSE FRS AT MILE .01

GAGE ZERO = 1582.20 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1627.49 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 45.29 FEET AT TIME = 12.190 HOURS
MAX FLOW = 71479 CFS AT TIME = 9.100 HOURS

TIME HR	STAGE FEET	FLOW CFS	0 20000 40000 60000 80000 100000
.00	.5	900	* . . . . .
.25	.5	930	* . . . . .
.50	.5	960	* . . . . .
.75	.5	991	* . . . . .
1.00	.5	1021	.* . . . . .
1.25	.5	1051	.* . . . . .
1.50	.5	1081	.* . . . . .
1.75	.5	1111	.* . . . . .
2.00	.5	1142	.* . . . . .
2.25	.5	1172	.* . . . . .
2.50	.5	1202	.* . . . . .
2.75	.5	1232	.* . . . . .
3.00	.5	1262	.* . . . . .
3.25	.5	1293	.* . . . . .
3.50	.5	1323	.* . . . . .
3.75	.7	1763	.* . . . . .
4.00	.9	2475	.* . . . . .
4.25	1.1	3389	. * . . . . .
4.50	1.4	5111	. * . . . . .
4.75	1.7	6834	. * . . . . .

5.00	2.1	9492	
5.25	2.4	12384	
5.50	2.7	15277	
5.75	3.0	18170	
6.00	3.3	21062	
6.25	4.3	33691	
6.50	4.9	41154	
6.75	5.0	42548	
7.00	5.1	45060	
7.25	5.3	47573	
7.50	5.4	49346	
7.75	5.5	50009	
8.00	5.7	54429	
8.25	6.0	59788	
8.50	6.3	65147	
8.75	6.5	68547	
9.00	6.6	70642	
9.25	6.6	70695	
9.50	6.4	65632	
9.75	5.8	54937	
10.00	5.1	44240	
10.25	4.3	33546	
10.50	3.5	22848	
10.75	2.4	12155	
11.00	1.9	7978	
11.25	1.5	5433	
11.50	1.0	2886	
11.75	.6	1052	
12.00	.6	1052	

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DISCHARGE HYDROGRAPH FOR RITTENHOUSE RES. ... STATION NUMBER 64
BELOW RITTENHOUSE FRS AT MILE 4.73

GAGE ZERO = 1465.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1468.29 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 3.29 FEET AT TIME = 10.280 HOURS
MAX FLOW = 70592 CFS AT TIME = 10.280 HOURS

TIME HR	STAGE FEET	FLOW CFS
.0	.6	2044
.5	.7	2197
1.0	.7	2197
1.5	.7	2197
2.0	.7	2197
2.5	.7	2197
3.0	.7	2200
3.5	.7	2200
4.0	.7	2200
4.5	.7	2200
5.0	.7	2200
5.5	.7	2200
6.0	.7	2200
6.5	.7	2207
7.0	1.2	6320
7.5	2.1	23425
8.0	2.6	40530

8.5	2.8	46527	. . . * . . .
9.0	2.9	49992	. . . . * . . .
9.5	3.1	59261	. . . . * . . .
10.0	3.3	69108	. . . . . * . .
10.5	3.3	69019	. . . . . * . .
11.0	3.0	56652	. . . . * . . .
11.5	2.6	40605	. . . * . . . .
12.0	2.1	24342	. . * . . . . .

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DISCHARGE HYDROGRAPH FOR RITTENHOUSE RES. ... STATION NUMBER 125
BELOW RITTENHOUSE FRS AT MILE 7.45

GAGE ZERO = 1405.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1409.36 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 4.36 FEET AT TIME = 11.020 HOURS
MAX FLOW = 70231 CFS AT TIME = 11.000 HOURS

TIME HR	STAGE FEET	FLOW CFS	0 20000 40000 60000 80000 100000
.0	1.6	1909	.* . . . . .
.5	1.7	2070	.* . . . . .
1.0	1.7	2070	.* . . . . .
1.5	1.7	2070	.* . . . . .
2.0	1.7	2064	.* . . . . .
2.5	1.7	2157	.* . . . . .
3.0	1.7	2192	.* . . . . .
3.5	1.7	2193	.* . . . . .
4.0	1.7	2194	.* . . . . .
4.5	1.7	2194	.* . . . . .
5.0	1.7	2194	.* . . . . .
5.5	1.7	2194	.* . . . . .
6.0	1.7	2194	.* . . . . .
6.5	1.7	2194	.* . . . . .
7.0	1.7	2194	.* . . . . .
7.5	1.7	2195	.* . . . . .
8.0	1.7	2198	.* . . . . .
8.5	2.5	10266	. * . . . . .
9.0	3.7	41475	. . . .* . . .
9.5	3.9	47591	. . . . * . . .
10.0	4.0	52043	. . . . * . . .
10.5	4.2	64833	. . . . . * . .
11.0	4.4	70231	. . . . . * . .
11.5	4.2	63916	. . . . . * . .
12.0	4.0	51653	. . . . * . . .

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DISCHARGE HYDROGRAPH FOR RITTENHOUSE RES. ... STATION NUMBER 164
BELOW RITTENHOUSE FRS AT MILE 10.29

GAGE ZERO = 1355.00 FEET MAX ELEVATION REACHED BY FLOOD WAVE = 1358.99 FEET
FLOOD STAGE NOT AVAILABLE
MAX STAGE = 3.99 FEET AT TIME = 11.960 HOURS
MAX FLOW = 69485 CFS AT TIME = 11.960 HOURS

TIME STAGE FLOW

HR	FEET	CFS	0	20000	40000	60000	80000	100000
.0	.9	1249	.*	.	.	.	.	.
.5	.9	1273	.*	.	.	.	.	.
1.0	.9	1273	.*	.	.	.	.	.
1.5	.9	1273	.*	.	.	.	.	.
2.0	1.0	1508	.*	.	.	.	.	.
2.5	1.1	2074	.*	.	.	.	.	.
3.0	1.1	2074	.*	.	.	.	.	.
3.5	1.1	2077	.*	.	.	.	.	.
4.0	1.1	2155	.*	.	.	.	.	.
4.5	1.1	2187	.*	.	.	.	.	.
5.0	1.1	2188	.*	.	.	.	.	.
5.5	1.1	2188	.*	.	.	.	.	.
6.0	1.1	2188	.*	.	.	.	.	.
6.5	1.1	2188	.*	.	.	.	.	.
7.0	1.1	2188	.*	.	.	.	.	.
7.5	1.1	2188	.*	.	.	.	.	.
8.0	1.1	2188	.*	.	.	.	.	.
8.5	1.1	2191	.*	.	.	.	.	.
9.0	1.1	2194	.*	.	.	.	.	.
9.5	1.1	2576	.*	.	.	.	.	.
10.0	3.2	36634	.	.	* .	.	.	.
10.5	3.5	47674	.	.	. *	.	.	.
11.0	3.7	54076	.	.	.	* .	.	.
11.5	3.9	65089	.	.	.	. *	.	.
12.0	4.0	69432	.	.	.	. *	.	.

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